# PRIAMUS

Serial Publication of the Centre for Entomological Studies Ankara

**Volume 20 Part 1 18 11 2021 ISSN/eISSN 1015-8243**

*Special issue*

*This article has been attributed to Prof.Dr. Ahmet Ömer Koçak's memory and Priamus' 40th year a publication he founded*

http://zoobank.org/urn:lsid:zoobank.org:pub:34125B62-FE4F-4317-B455-A8BBF1FB3A8A

# Preliminary List of the Macro-Lepidoptera with some remarks of Ovacik District (Tunceli, East Turkey)

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**Abstract:** Preliminary List of the Lepidoptera of Ovacik District –I Macro-Lepidoptera with some remarks (Tunceli, East Turkey) Priamus 20 (1): 1-72, 49 figs.
In this study, 222 taxa belonging to the families of; *Arctiidae, Argynnidae, Cossidae, Ctenuchidae, Drepanidae, Geometridae, Hesperiidae, Lasiocampidae, Lycaenidae, Lymantriidae, Noctuidae, Papilionidae, Pieridae, Saturniidae, Satyridae, Sesiidae, Sphingidae, Thyatiridae* and *Zycaenidae* were identified from the Ovacık district. Were added 81 species to Tunceli fauna and 166 species to Ovacık.
**Keywords:** Macro-Lepidoptera, Turkey, Tunceli, Ovacık.

## Introduction

Munzur Mountains (Mercan Mountain Range), are one of the important mountain ranges found on East Turkey. Most of these mountain ranges are located within the borders of Ovacık district, Tunceli Province. Munzurs are comprised of mountain ranges where glaciations occur, with important peaks such as; Akbaba Peak (3443m), Çatal Peak (3252m), Vitgan Crevice Peak (3112 m), Düldül Foot Peak (3068m) and Haraminin Başı Peak (3239m)(Çılğın, 2013).
Glacial remnants and underground waters that have survived until today, feed the Dersim basin with water, while the vegetation that developed along the Munzur suyu valley and

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Mercan valley, oak forests in the south and mountain steppes that had formed in higher parts constitute the main source of biodiversity.
Apart from Koçak's researches in 1972-1973, no serious studies have been carried out on these natural areas, especially the order of Lepidoptera.
Research on Ovacık Lepidotera fauna started in 1972 with Koçak's studies on Lycaenidae species of Eastern Anatolia. Some of the field studies covering the provinces of Ağrı, Erzincan, Hakkari, Kars, Sivas, Tunceli and Van were published in the Atalanta in 1975-1980. In these articles, he gave new records at the level of species and subspecies for the fauna of Turkey, and describe new taxa. Some of the butterfly taxa that Koçak described in those years are: *Archon apollinus ssp. forsteri* Koçak, 1977; *Lysandra anatolica* Koçak, 1975; *Pseudophilotes bavius ssp. vanicola* Koçak, 1977; *Agrodiaetus candalus ssp. hakkariensis* Koçak, 1977; *A. transcaspica ssp. turcicola* Koçak, 1977; *A. turcicus* Koçak, 1977; *A. (Sublysandra) myrrhus ssp. araxina* Koçak, 1980; *Coenonympha leander ssp. dierli* Koçak,1977.
The current taxonomic status and geographic distribution of these taxa have been updated by the studies of Koçak & Kemal (2015a) and Kemal & Koçak (2018b). Subspecies *Rubrapterus bavius* ssp. *masal* was describe by Koçak in 1998 in Ovacık (Fig.15a).
The first synonymical and distributional checklist of lepidoptera species in Tunceli province was published by Koçak & Kemal (2007) which included 382 species.
After 50 years, two separate scientific trips were organized in the first and last week of June of this year in memory of Prof. Dr. Koçak who passed away on November 18, 2020. The preliminary results of this excursion on Koçak's work are discussed in an interim evaluation to cover only macro-lepidopter species.

## Materials and methods

The research is based on the materials collected from Ovacık district in June 2021. Samples were collected via sweep net during the day and with a light trap at night. In the identification of the species, genital preparations of the strained specimens were made and photographed with a computer-equipped microscope at Leica S8APO, DFC290 resolution. Canon EOS55D, Canon EOS60D and Canon EOS70D macro lens cameras were used in the field and laboratory.
The list of the Ovacık Lepidoptera, synonyms and regional distributions are arranged accordingly to the info-system of Cesa, 2021. Species lists are presented alphabetically under families. The authors carried out all identifications of the species and the necessary preparations. The analysed materials are preserved in the Cesa collection.
Working addresses with old and new codes are as written below. The codes, which will be used in Cesa publications, will be entered into the database with their coordinates. The 62E code in the faunistic list is for the species identified by Koçak between 1972-1973 in the Ovacık district. In addition, some lycaenids genital photographs (Figs:15a-d.) of lycaenides that had previously been prepared by Koçak have been included. Faunistic and taxonomic publications primarily on the Lepidoptera fauna of Eastern Anatolia for the identification of its species (Kemal, Kızıldağ & Koçak, 2018a, 2018c; Kemal & Koçak, 2016a-d, 2017a-f, 2019; Kemal, Koçak & Uçak, 2018a, 2018b; Kemal, Kızıldağ & Koçak, 2020; Seven, 2014; Uçak, 2019) were evaluated.

According to Koçak & Kemal (2019) available codes:
62E - Ovacık (TR 62)
62Ea - Ovacık city
62Eb - Yılanlıdere, 2700m Munzur Dağları (39°26'31"N 39°09'44"E)

New codes:
62Em1 - Ovacık SE., Munzur valley 1110m.
62Em2 - Ovacık SE., Munzur valley 1180m.
62Ehy - Ovacık 7.2km, S., Hozat road 1475m.

62Ey1 - Ovacık N., Gözeler (Yılanlıköy) 1400m.
62Ey2 - Ovacık N., Gözeler (Yılanlıköy) 1550m.
62Emr1 - Ovacık NE., Mercan valley, Havuzlu 1430m.
62Emr2 - Ovacık NE., Mercan valley, Yarımkaya 1450m.
62Emr3 - Ovacık NE., Mercan valley, Şahverdi 1513m.
62Emr4 - Ovacık NE, Mercan valley, Şahverdi, 1700-1850m.
62Ez1 - Ovacık W., 14km, Ziyaret, 1350m.
62Ez2 - Ovacık W., 12km, Ziyaret 1330m.
62Eby - Ovacık W., Bozkıra, Yenikonak 1714m.
62Ee - Ovacık W., Eğripınar, Bozkıra 1480m.

## Results

## List of the butterflies species of Ovacık

### Argynnidae (=Nymphalidae auct.)

1) **Argynnis (Fabriciana) niobe (Linnaeus,1758)**
Synonym(s): *niobe Linnaeus,1758*.
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80 02F 02Fe 04D 04Db 05A 06B 06H 06K 06P 06R 06Rd 06V 06Z 12A 12Ab 13A 13Ab 13Af 13Ax 13F 13F7 13F71 13G 13Gv 13Gw 23E 23I 23Ia 23Ib 23M 24E 24Ea 25F 25Fa 25Fb 25Fc 27C 29A 29Ae 30A 30Aa 30B 30Bc 30Bx 30Bg 30Bf 30Bj 30Bq 30D 30Df 30Dj 31M 33K 33O 44E 44Ej 44L 44Lc 46F 46Fc 46G 46Gf 49E 49Ea 49F 49Fd 56F 56Fc 62G 65A 65Ai 65B 65Bo 65Bx 65D 65Dd 65Dda 65Df 65Dj 65Dl 65Dlc 65Dk 65Dm 65Do 65Du 65Dü 65Dn 65F 65Fe 65Fg 65Fh 65Fj 65G 65Gb 65K 65Kö 65Z 65Kğ 66A 66P 66Pa 80B 80Bc.
Material examined: 1♂. Munzur valley 1110m, 02 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

2) **Argynnis pandora ([Denis & Schiffermüller],1775)**
Synonym(s): *pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81 02E 04D 04Db 05A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 09K 09Ka 12A 12Aa 12B 13A 13Ab 13Ac 13Ac2 13Ax 13C 13Cd 13F 13F7 13F71 13G 13Gs 13Gv 13Gw 14I 14Ib 21K 21N 21Nb 21P 21O 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 27Cb 29A 29Ae 30B 30Bc 30Br 30D 30Df 30Dx 31F 31Fb 31M 33O 33R 33Rb 36F 36Fb 38H 38Hc 39C 44A 44Ab 44F 44Fb 44L 44Lc 44O 44Oi 46F 46Fc 46Fe 46Fi 46G 46Gi 46L 49E 49Ea 56F 58G 58Ga 58Gi 58R 58Rb 65A 65Ai 65Am 65Am2 65Am3 65Bx 65D 65Dk 65Dm 65Do 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fe 65Fg 65Fj 65Fı 65Fu 65Fç 65Fp 65Fz 65K 65Kğ 65Kl 65Z 65Kö 65Ks 65Ku 65Kz 66A 66P 66Pa 72E 72Ec 72Eg 72F 73A 73Ad 73Ad2 73D 73Db 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80A.
Material examined: Observed while feding nectar on the *Centaurea urvillei* in Gözeler (Yılanlıköy) 1400m, 05 06 2021.

3) **Brenthis hecate ([Denis & Schiffermüller],1775) (Figs.2,4)**
Synonym(s): *hecate [Denis & Schiffermüller],1775; harmothoe Fruhstorfer,1917; florida Verity,1919; stricta Verity,1933.*
Provincial Distribution in Turkey (as codes): 03 05 06 08 10 13 16 23 24 25 29 30 34 36 37 39 42 44 49 58 60 62 65 66 69 70 73 74 75 76 05A 06G 06K 06R 13G 13Ga 23I 23Ib 25F 25Fa 25Fb 29A 29Ae 30B 30Be 30Bg 49E 49Ea 58G 58Gi 65A 65Au 65D 65Dc 65Do 65F 65Fb 65Fe 65Fz 65K 65Kb 65Kc 65Kl 65Z 66P 66Pa 75F 75Fc 76C.
Material examined: 1♀. Ziyaret 1350m, 02 06 2021; 4♂♀. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 2♂1♀. Mercan valley, Yarımkaya 1450m; Şahverdi 1513m, 04 06 2021; 2♂♀. Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: This species is very well represented in the field.

4) **Euphydryas (Eurodryas) aurinia (Rottemburg,1775) (Figs.3, 4)**
Synonym(s): *aurinia Rottemburg,1775; artemis [Denis & Schiffermüller],1775; lye Bergsträßer,[1779]; koloswarensis Piller & Mitterpacher,1783; scotica Robson,1880; signifera Kane,1893; anglicana Fruhstorfer,1917; acedia Fruhstorfer,1917; pychanpar Lastukhin,2007.*
Provincial Distribution in Turkey (as codes): 05 06 08 14 16 18 25 29 30 34 36 39 46 53 58 59 62 65 69 73 75 76 05A 06G 06R 06V 14I 14Ib 25F 25Fa 25Fb 25Fc 30B 30Bc 30D 30Dt 65D 65Dç 65Dk 65Fz 75F 75Fb 76C 76D 76Dd (Koçak & Kemal,2018).
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021; 3♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Bozkıra, Yenikonak 1714m, 03 06 2021; 2♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021.
Remark: This species is very well represented in the field.

5) **Issoria lathonia (Linnaeus,1758)**
Synonym(s): *lathonia Linnaeus,1758; saturata Röber,1897; hungarica Aigner-Abafi,1906; florens Verity,1916; emiflorens Verity,1919; attenuata Sagarra,1926; nigroprivata Verity,1933.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81 04D 04Db 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13A 13Ab 13Ac 13Ai 13Ax 13B 13Bg 13F 13F35 13G 13Gö 13Gğ 13Go 13Gs 13Gv 13Gw 21N 21Nb 21O 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 27Cb 30B 30Bc 30D 30Df 31F 31Fb 31M 33R 33Rb 36F 36Fb 39C 44A 44Aa 44Ab 44L 44Lc 46F 46Fc 46G 46Gi 49E 49Ea 56D 56Dc 56F 56Fn 58G 58Gi 58N 65A 65Aj 65Ai 65Am 65Am1 65B 65Bk 65Bn 65Bn1 65Bx 65D 65Dg 65Dj 65Dk 65Do 65Dr 65G 65Gd 65Ge 65F 65Fg 65Fh 65Fd 65Fe 65Fı 65Fq 65Fs 65Ft 65K 65Kğ 65Ka 65Kc 65Kl 65Z 65Kö 65Ks 65Kp 65N 65Nk 65Np 65Nm 66A 66P 66Pa 73D 73Da 73Dg 75F 75Fc 75Fi 75Fj 76A 76Ad 78D 78Da.
Material examined: This species observed and photographed in the Munzur valley 1110m, 02 06 2021; 1♂. Mercan valley, 1500m, 04 06 2021.

6) **Limenitis (Azuritis) reducta Staudinger,1901**
Synonym(s): *reducta Staudinger,1901.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 50 51 52 53 55 56 58 59 60 62 65 66 67 71 72 73 75 76 77 78 02Fz 05A 06B 06C 06G 06K

06P 06R 06Rd 06V 13C 13Cd 13Cf 13Cg 13E 13Ed 13F 13G 13Gy 21N 21Nb 21O 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bc 30Bo 30Br 30D 30Df 31B 31L 31La 33K 33R 33Rb 36F 36Fb 39C 45L 45La 46F 46G 48A 48Ah 48D 49F 49Fc 56F 65A 65Ai 65Am 65Am3 65D 65Dk 65Dl 65Do 65F 65Fc 65Fd 65Fu 65K 65Kğ 66A 72E 72Ec 73A 73Ad 73Ad2 73D 73Dg 73Df 75F 75Fd 76D 76Da 78D 78Da.
Material examined: Observed in the Gözeler (Yılanlıköy) 1400m, 03 06 2021.

7) **Melitaea (s.str.) arduinna (Fabricius,1787)**
Synonym(s): *arduinna Fabricius,1787; rhodopensis Freyer,[1836]; uralensis Eversmann,1844; evanescens Staudinger,1886; #fulminans Staudinger,1886; kocaki Wagener & Gross,1976.*
Provincial Distribution in Turkey (as codes): 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 49 56 65 72 73 80 02E 05A 07D 13G 13Gv 21F 25F 25Fa 25Fb 27C 27Cb 30B 30Bc2 30Bx 30D 30Df 31M 39G 46G 46Gi 49E 49Ea 56F 65A 65Ai 65At 65B 65Bk 65D 65Dc 65Dç 65Dd 65Dda 65Dl 65Dlc 65Dm 65Do 65Dt 65Dn 65F 65Fb 65Fç 65Fe 65Fh 65Fj 65Fq 65Fz 65F2 65F3 65L 65Le 65M 65Md 65Nc 65Nb 65N 65Na 65Np 65Nş 65Nm.
Material examined: 1♂Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.
First record for the fauna of Tunceli Province.

8) **Melitaea (s.str.) cinxia (Linnaeus,1758)**
Synonym(s): *cinxia Linnaeus,1758; abacus Retzius,1783; fulla Quensel,1791.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80 02Fz 05A 06A 06B 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13A 13Ab 13Ax 13B 13Ba 13Bg 13E 13Ea 13F 13G 13Gö 13Gğ 13Go 13Gs 13Gü 13Gv 13Gw 21N 21Nb 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 29A 29Ae 30D 30Df 31F 31Fb 31M 33R 33Rb 33Rg 36F 36Fb 38H 38Hc 44A 44Aa 44E 44Ej 46F 46Fc 46G 49E 49Ea 49F 49Fb 58G 58Ga 58Gi 62G 62Ga 62E 62F 65A 65Ai 65Am 65Am3 65Am4 65As 65At 65Au 65B 65Ba 65Bn 65Bn1 65Bx 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fb 65Fc 65Fç 65Fd 65Fe 65Fg 65Fh 65Fm 65Fz 65G 65Gg 65Gy 65K 65Kl 65Z 65Kğ 65Kö 65Kz 65Ks 65L 65Le 65N 65Nr2 65Nr3 65Nr4 65Nr6 65Nr7 65Nm 66A 66P 66Pa 73D 73Dg 76C 76A 76Ab 76D 76Da.
Material examined: 2♂. Ziyaret 1360m, 02 06 2021; 1♂. Ovacık S., Hozat road 7.2km, 1475m, 03 06 2021.

9) **Melitaea (Cinclidia) ornata Christoph,1893 (Fig.4)**
Synonym(s): *ornata Christoph,1893; uralensis Krulikowsky,1897 nec Evers.,1844; ufensis Krulkowsky,1902; lokris Fruhstorfer,1908; telona Fruhstorfer,1908; amanica Rebel,1917; emipunica Verity,1919; punicata Ragusa,1919; dorae Graves,1925; nigrogygia Verity,1939; enoch Higgins,1941; #asciata Wiltshire,1946; capreola Varga,1967; kovacsi Varga,1967; abbas Gross & Ebert,1975.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80 02E 02F 02Fc 05A 06B 06C 06G 06H 06K 06N 06Nc 06P 06R 06Rd 06S 06V 06Z 13C 13Cm 13F 13G 21L 21Le 21Lf 21N 21Nb 21O 27C 27Cb 27D 27Db 30B 30Bc2 30Bx 31F 31Fb 33K 33R 33Rb 33Rg 36F 36Fb 44E 44Ei 44L 44Lc 49E 49Ea 56F 56F1 56fg 56Fp 56Fm 56Fy 56Fs 58C 58G 58Ga 58Gi 62H 65A 65Ao 65Am 65Am4 65D 65Dc 65Dr 65Drb 65F 65Fz 65Fç 65G 65Gf 65Gy 65L 65Le 65N 65Np 65Np7 65Nm 66A 66P 66Pa 73D 73Dg 76D 76Dğ 80B 80Bd

Material examined: 1♂. Munzur valley 1100m, 02 06 2021; 3 ♂♀. Gözeler (Yılanlıköy) 1400m-1530m, 03-05 06 2021; 1♂. Mercan valley 1513m, 04 06 2021.
Remark: This species is very well represented in the field.

10) **Melitaea (Cinclidia) ?phoebe (Goeze,1779)**
Synonym(s): *#phoebe [Denis & Schiffermüller],1775; phoebe Goeze,1779; paedotropos Bergsträßer,[1780]; tremulae Piller & Mitterpacher,1783.*
Provincial Distribution in Turkey (as codes): 01 04 05 06 08 10 11 13 14 16 17 22 23 24 25 26 27 30 31 33 34 36 39 41 42 44 46 50 51 55 58 59 60 61 62 65 66 69 71 73 75 77 78 80 05A 06B 06R 06Rd 06V 25F 25Fa 25Fb 25Fc 30B 30Bc 30Bc2 30Bx 30D 30Df 31F 31Fb 33K 65D 65Dç 65Dd 65Dda 65Df 65Dl 65Dlc 65Dk 65Dm 65Do 65Dp 65F 65Fç 65Fd 65Fg 65Fh 65Fm 65F2 65Fp 65Fe 65Fz 65K 65Kc 65Kl 65Z 65Kz 65Kğ 66A 72E 72Eh 75F 75Fc 80C.
Material examined: 1♀(GP958). Tunceli, Munzurlar, 1972 Koçak leg.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021). Our research on this taxon ongoing.

11) **Melitaea (Didymaeformis) didyma (Esper,[1779])**
Synonym(s): *Didyma Esper,[1779]; cytheris Müschen,1781; neera Fischer de Waldheim,1840; meridionalis Stauding,1861; occidentalis Staudinger,1861; dalmatina Staudinger,1861; graeca Staudinger,1870; jaika Krulikowsky,1897; kasanskyi Krulikowsky,1901; mauritanica Oberthür,1909; mauretanica Oberthür,1909; patycosana Turati,1911; nisseni Rothschild,1913; interposita Rothschild,1913; oreithyia Fruhstorfer,1917; druentia Fruhstorfer,1917; lesora Fruhstorfer,1917; naina Fruhstorfer,1917; tarlonia Fruhstorfer,1917; seilemis Fruhstorfer,1917; marsilia Fruhstorfer,1917; cataprotea Verity,1929; libanotica Belter,1934; montium Belter,1934; variabilis Belter,1934; pontifex Bryk,1940; pfeifferi Bryk,1940; orinomus Rütimeyer,1942; boschmai Eisner,1942; ibra Higgins,1964; pseudolatonigena Yakovlev,2002.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 02E 02Fz 04D 04Db 05A 06B 06G 06H 06K 06N 06Na 06P 06R 06Rd 06V 06Z 12B 13F 13G 13Gv 13Gw 14I 14Ib 18F 21K 21O 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb 27C 27Cb 30B 30Bc2 30Bx 31F 31Fb 31M 33R 33Rb 36F 36Fb 38H 38Hc 39C 44A 44Ab 44E 44O 44Oc 44L 46F 46Fc 46Fg 46G 46Gf 46Gi 49E 49Ea 49Ec 58C 58N 58R 58Rb 62D 62E 62F 62G 62Ga 63B 65B 65Bo 65Bx 65D 65Dc 65Dd 65Dda 65Dv 65E 65K 65Kb 65G 65Gl 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fl 65Fq 65Ft 65F3 65Fz 65K 65Kc 65Kğ 65Kl 65Z 65Kö 65Kş 65Kü 65N 65Nj 66P 66Pa 72E 72Eh 72Ei 76D 76Da 78D 78Da.
Material examined: 2♂. Munzur valley, 1110m, 02 06 2021; 1♂. Gözeler (Yılanlıköy) 1530m, 05 062021; 1♂. Mercan valley, Havuzlu 1430m, 05 06 2021.

12) **Melitaea (Didymaeformis) persea Kollar,[1849]**
Synonym(s): *persea Kollar,[1849]; caucasica Staudinger,1861; dodgsoni Grose-Smith,1887; kaschtschenkoi Christoph,1889; paphlagonia Fruhstorfer,1917; magnacasta Verity,1929; araratica Verity,1929; sargon Hemming,1932; tauricus Belter,1934; hafiz Higgins,1941; afghana Heydemann,1954; darius Gross & Ebert,1975; sangdana Eckweiler,1981; jitka Weiss & Major,2000.*
Provincial Distribution in Turkey (as codes): 02 04 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75 76 02E 02F 02Fc 02Fd 04B 13A 13Ab 13Af 13Ax 13B 13Ba 13G

13Gv 13Gw 21N 21Nb 21O 23D 23Dvc 23I 23Ib 25F 25Fa 25Fb 27D 27Db 27Dd 30B 30Bc 30Br 44L 44Lc 46G 46Gi 47D 49E 49Ea 49F 49Fd 56F 62G 62F 63B 63E 63M 65A 65Ac 65Ac2 65Ab 65Abb 65D 65Dc 65Dç 65Df 65G 65Gm 65F 65Fe 65Fg 65Fh 65Fm 65Fç 65Fw 65Fz 65K 65Kc 65Kd 65Ké 65Kl 65Z 65Kö 65Kz 65Kğ 65N 65Nj 65Np 65Np1 65Np2 65Np4 65Np5 65Np7 65Np8 65Nr3 65Nr4 65Nm 76A 76Ae
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021; 1♂1♀. Gözeler (Yılanlıköy) 1400m, 05 06 2021.

13) **Melitaea (Didymaeformis) syriaca Rebel,1905 (Fig.5)**
Synonym(s): *syriaca Rebel,1905; pseudodidyma Rebel,1905; aabaca Fruhstorfer,1911; bloetei Eisner,1942.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81 02Fz 02H 05A 06B 06H 06G 06K 06N 06R 06Rd 06V 06Z 12A 12Ab 12B 13A 13Ac 13Ac1 13Ax 13F 13G 13Ga 13Gv 13Gw 21N 21Nb 23C 23Cc 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bc4 30Bx 30D 30Df 31K 31Ka 31F 31Fb 33A 33C 33O 33R 33Rb 33Rg 36F 36Fb 39C 44I 44L 44Lc 44O 44Oc 46G 46Gi 46Gf 48A 48Al 48D 49F 49Fd 49E 49Ea 58R 62G 62Ga 63B 63D 65A 65Ah 65Am 65Am4 65Au 65B 65Bk 65Bx 65D 65Dç 65Dd 65Dda 65Df 65G 65Gd 65Ge 65F 65Fe 65Fç 65Fp 65Fz 65Fm 65Fq 65Fü 65F2 65K 65Kl 65Z 65N 65Nr3 65Nm 66A 66P 66Pa 72E 72Eh 72Ei 76A 76Ac 80B 80Bc.
Material examined: 1♂. Munzur valley, 1110m, 02 06 2021; 1♂. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021; 1♂. Mercan valley, Yazıören 1450m, 04 06 2021.

14) **Vanessa (Cynthia) cardui (Linnaeus,1758)**
Synonym(s): *cardui Linnaeus,1758; carduelis Cramer,1775; elymi Rambur,1829; kershawi McCoy,1868; pallida Schoyen,1881; japonica Stichel,1908; universa Verity,1919; takesakiana Kato,1925; jacksoni Clark,1927.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81 02B 02E 02Fz 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06Z 13A 13Ab 13Ac 13Ax 13B 13Ba 13C 13Cf 13Cg 13D 13Da 13F 13F33 13F35 13G 13Gö 13Gğ 13Gv 13Gk 13Go 13Gw 13Gz 14I 14Ib 21K 21L 21Le 21N 21Nb 21Nh 21P 21Pa 21O 23D 23Dc 23I 23Ia 23Ib 23E 23M 25A 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bb 30Bc 30Bk 30D 30Df 31F 31Fb 31K 31Ka 31La 33R 33Rb 33Rd 33Rg 36D 36Db 39C 44A 44Aa 44Ab 44E 44L 44Lc 45L 45La 46F 46Fc 47F 48A 48Ak 48D 48F 48L 49E 49Ea 49Ec 49F 49Fb 49Fe 49Ff 56A 56D 56Db 56Dc 56Dh 56Dğ 56F 58C 58G 58Ga 58Gd 58Gi 62G 62Ga 62E 63B 63Ba 63D 63E 63G 63M 65A 65Aj 65Ai 65Am 65Am1 65Am3 65Aç 65At 65At1 65At2 65Au 65B 65Bk 65Bi 65Bx 65D 65Dc 65Dç 65Dk 65Dl 65Dlc 65Dn 65Do 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65Eç 65Ed 65F 65Fı 65Fb 65Fd 65Fg 65Fj 65Fm 65Fn 65Fq 65Fr 65Fü 65Fw 65Fz 65G 65Gb 65Ge 65Gf 65Gy 65Gl 65Gi 65Gv 65Gz 65K 65Kc 65Ka 65Kl 65Z 65Kğ 65Ks 65Ky 65Ky1 65L 65Le 65N 65Nc 65Nc4 65Ng 65Nh 65Nk 65Np 65Np1 65Np2 65Np3 65Np4 65Nm 65Nl 65No 65Nr5 65M 65Mc 65Md 66A 66P 66Pa 72E 72Ek 72F 73D 73Da 73Df 73H 75F 75Fg 75Fj 75Fi 76A 76Ac 76B 76Bf 76Bh 76C 76D 76Da 78D 78Da 80B 80Bc.
Material examined: 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

## Hesperiidae

15) **Carcharodus (Lavatheria) lavatherae (Esper,[1783]) (Fig.8)**
Synonym(s): *lavatherae Esper,[1783]; australior Verity,1919; pyrenaicus Picard,1948*. Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33 36 37 38 39 40 41 42 44 46 49 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76 78 04D 04Db 05A 06R 06Rd 06Z 13C 13Cd 13F 13G 13Gv 23D 23Dc 23I 23Ia 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 30B 30Bc 30Be 30Bç 30D 30Df 30Dt 33R 33Rb 33Rg 36D 36Dc 36F 36Fb 49E 49Ea 58G 58Gi 65A 65Ai 65At 65At1 65D 65Dc 65Dç 65Do 65F 65Fb 65Fg 65Fj 65Fz 66A 72E 72Ej 75F 76C 76D 76Dc 78D 78Da.
Material examined: 3♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

16) **Carcharodus (s.str.) alceae (Esper,[1789])**
Synonym(s): *alceae Esper,[1780]; malvae Hufnagel,1766 nec Linn.,1758; malvarum Hoffmannsegg,1804; magnaustralis Verity,1924; corsicus Picard,1948.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80 01A 01H 01K 01F 02F 02Fc 04D 04Db 05A 06B 06G 06K 06R 06Rd 06V 06Z 12A 12Ai 13F 13G 13Go 13Gv 13Gw 21L 21Le 21Lf 21N 21Nb 21O 23D 23Da 23I 23Ia 25F 25Fa 27C 27Cb 27D 27Dd 27E 30A 30Aa 30B 30Bd 30Bc 30Bt1 30Bx 30Bh 30Bf 30Bj 30Bg 30Bj1 30Bo 30Br 30D 30Da 30Df 30Dt 31A 31Aa 31F 31K 31Ka 31O 33A 33Al 33O 33R 36D 36Db 36F 36Fb 39C 44E 44Ei 44L 44Lc 48A 48Aa 48Ak 48D 48F 49E 49Ea 49Ef 49F 49Fb 56F 63B 63Ba 63D 63E 65A 65Am 65Am1 65Am4 65B 65Bo 65Bx 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dl 65Do 65Dp 65Dr 65Drb 65Dt 65Dw 65Dn 65E 65Ea 65Eb 65Ed 65F 65Fb 65Fd 65Fg 65Fu 65Fq 65F3 65Fı 65Fz 65G 65Gb 65Gn 65K 65Kb 65Kc 65Kl 65Z 65Kö 65Ks 65L 65Le 65N 65Na 65Np 65Np4 65Nm 66A 72E 72Eb 73A 73Ad 73Ad2 73D 73Db 75E 76B 76Bb 76Bf 76Bh 76D 76Da 76Df 78D 78Da 79B 80B 80Bc 80C 80G.
Material examined: 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

17) **Erynnis (s.str.) tages (Linnaeus,1758)**
Synonym(s): *tages Linnaeus,1758; morio Scopoli,1763; geryon Rottemburg,1775; subclarus Verity,1921.*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76 78 01H 01K 05A 06B 06C 06D 06G 06K 06N 06Nc 06P 06R 06Rd 06V 06Z 12A 12Aa 13F 13G 13Gw 14F 21N 21Nb 23D 23Dc 23E 23M 25F 25Fa 27C 27Cb 30A 30Aa 30B 30Bc 30Bx 30Bd 30Bh 30Bf 30Bg 30Br 30C 30Ce 30D 30Df 30Dt 31A 31K 31Ka 31L 31La 33K 33R 33Rb 36D 39C 44E 44Ei 44L 44Lc 44O 44Oc 46F 46Fc 46Fd 49E 49Ea 49F 49Fb 56F 63D 65A 65Ai 65Am 65Am4 65At 65D 65Dc 65Dk 65Dl 65Do 65Dob 65Dq 65Dü 65Dn 65Dv 65Dw 65Dt 66A 73A 73Ad 73Ad2 75E 75F 75Fd 78D 78Da**.**
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021.

18) **Muchampia nomas (Lederer,1855)**
Synonym(s): *nomas Lederer,1855.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 65 70 72 73 02F 02Fc 02Fe 05A 06B 06K 06R

06V 13F 13G 21O 23D 23Dc 23E 23M 27C 27Cb 31A 31Aa 31K 31M 33R 46H 46Hc 49E 49Ea 49F 49Fd 65A 65Ai 65Am 65Am3 72E 72Eh 72Ei 72Ek 73D 73Df**.**
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Mercan valley, Yarımkaya 1450m, 04 06 2021.

19) **Pyrgus armoricanus (Oberthür,1910)**
Synonym(s): *armoricanus Oberthür,1910; petheri Romei,1927.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 12 13 14 16 17 18 19 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 46 48 49 51 52 53 56 58 60 61 62 65 66 68 69 70 71 73 74 75 76 79 02E 05A 06B 06G 06K 06R 06V 06Z 13F 13G 23I 23Ib 25F 25Fa 27C 27Cb 30B 30Bc 30Bx 30Bg 30D 30Df 36D 36Dc 36Dd 36F 36Fb 46F 49E 49Ea 49F 49Fb 51D 51De 56F 58G 58Gd 58Gi 65A 65Au 65As 65At 65At1 65B 65Bn 65Bn1 65D 65Dc 65Df 65Dk 65F 65Fç 65Fr 65Fq 65Fz 65G 65Gb 65K 65Kğ 65M 65Md 66A 75F 76C 76E 76Ea.
Material examined: 2♂♀. Mercan valley, Şahverdi 1513m, 04 06 2021.

20) **Pyrgus sidae (Esper,[1784])**
Synonym(s): *sidae Esper,[1784].*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 49 50 51 53 56 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81 04D 04Db 05A 06B 06K 06G 06P 06R 06V 13C 13Cd 13D 13Da 13F 13G 13Ga 13Gv 13Gw 14I 14Ib 21N 21Nb 23I 23Ib 23M 25F 25Fa 25Fb 30A 30B 30Bc2 30Bx 30D 30Df 30Dt 33R 33Rb 36D 36Db 36Dc 49E 49Ea 49F 49Fd 56F 65A 65Ai 65Au 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dm 65Dn 65F 65Fm 65Fe 65Fb 65F2 65Fz 65K 65Kğ 65Kl 65Z 65Kö 65L 65Le 65N 65Np 65Nm 66A 72E 72Ej 72Eh 72Ei 75E 75F 76C.
Material examined: Observed and photographed in the Munzur valley 1110m, 02 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

21) **Spialia (Neospialia) orbifer (Hübner,[1823])**
Synonym(s): *orbifer Hübner,[1823]; tesselloides Herrich-Schäffer,[1845].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80 02E 05A 06B 06C 06K 06G 06N 06Nc 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13A 13Ae 13Af 13Ax 13C 13Cd 13E 13Ea 13F 13G 13Gd 13Gv 21L 21Le 21Lf 21N 21Nb 21O 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb 27C 27Cb 27D 27Db 30A 30B 30Bc 30D 30Df 30Dt 31F 31K 31O 31L 31La 31A 31M 33K 33O 33R 33Rb 36D 36Dc 36F 36Fb 38H 38Hc 39C 44A 44Aa 44Ab 44E 44Ei 44Ej 44L 44Lc 44O 44Oc 45L 45La 46F 48A 48Ak 48Ah 48F 49E 49Ea 49F 49Fb 49Fd 56F 56Fi 58G 58Ga 58Gd 58Gi 58Gj 62F 63D 63E 65A 65Ai 65Am 65Am3 65Am4 65At 65B 65Bk 65Bo 65Bx 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dg 65Dk 65Do 65Dq 65Du 65Dv 65G 65Gn 65Gm 65Gz 65F 65Fb 65Fh 65Fg 65Fç 65Fe 65Fr 65Fp 65Fq 65Fi 65Fj 65F3 65Fx 65Fz 65K 65Kc 65Kl 65Z 65Kö 65Kz 65Kğ 65L 65Le 65N 65Np 65Np1 65Np3 65Np4 65Np7 65Nr2 65Nr4 65Nr6 65Nr7 65Nm 66A 72E 72Ec 72Ei 75E 76C.
Material examined: 2♂♀. Eğripınar, Bozkıra 1480m, 03 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

22) **Spialia (s.str.) phlomidis (Herrich-Schäffer,[1845])**
Synonym(s): *phlomidis Herrich-Schäffer,[1845]; eupator Hemming,1932; kiki Higgins,1974.*

Provincial Distribution in Turkey (as codes): 03 04 05 06 07 08 10 12 13 14 15 16 17 19 23 24 25 26 29 30 32 34 36 38 42 44 49 50 51 58 60 62 65 66 69 70 71 75 76 78 05A 06K 06V 13C 13Cd 13F 13F7 13F73 13G 23I 23Ia 23D 23Dc 25F 25Fa 30B 36D 36Dc 49F 49Fd 58G 58Gd 58Gi 65Bx 65D 65Dç 65Df 65Dp 65G 65Ge 65F 65Fc 65Fç 65Fü 65Fq 65Fz 65G 65Gf 65Gy 65K 65Kc 65Z 66A 76C.
Material examined: 2♂♀. Eğripınar Bozkıra 1480m, 03 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021.

23) **Thymelicus lineolus (Oschsenheimer,1808)**
Synonym(s): *lineolus Ochsenheimer,1808; virgula Hübner,1813 nec Retz.,1783; ludoviciae Mabille,1883; pallida Tutt,1896; clara Tutt,1905; hemmingi Romei,1927; melissus Zerny,1932; fornax Hemming,1934.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80 01H 01K 02E 02F 02Fc 02Fd 04D 04Db 05A 06B 06G 06K 06R 06V 06Z 13A 13Ae 13Aç 13Af 13Ag 13Ah 13Ax 13B 13Ba 13D 13Da 13E 13Ea 13G 21L 21Lf 21N 21Nb 23D 23Dc 23I 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 30A 30Aa 30B 30Bc 30Bx 30Bd 30Bh 30Bf 30Bg 30Bj 30Bk 30D 30Da 30Df 30Dfa 31A 31Aa 33K 33R 33Rb 36D 36Dc 36F 36Fb 44A 44Ab 44L 44Lc 46D 46Da 49E 49Ea 49Ec 56A 56Ac 56B 56F 58R 58Rb 65A 65Ai 65Au 65Am 65Am2 65Am3 65Am4 65B 65Bk 65Bo 65Bx 65D 65Dç 65Dl 65Db 65Dg 65Dp 65Dq 65Dm 65Du 65E 65Eb 65F 65Fb 65Fg 65Fh 65Fe 65Fj 65F2 65Fz 65G 65Ge 65K 65Ké 65Kd 65Kö 65Z 65Kğ 65N 65Np 65Np1 65Np7 65Np8 65Nm 66A 73A 73C 73Ağ 73Cd 73Ce 75E 75F 75Fd 76C 76D 76Da 76Df 80B 80Bc.
Material examined: 1♂. Munzur valley 1110m, 02 06 2021; 1♂♀. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021; 1♂.Mercan valley, Şahverdi 1513m, 04 06 2021.

24) **Thymelicus sylvestris (Poda,1761)**
Synonym(s): *sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905* Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81 02E 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06P 06R 06Rd 06V 06Z 13A 13Aç 13Ax 13B 13Ba 13E 13Ea 13F 13G 13Ga 13Gv 13Gw 21N 21Nb 21O 23I 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30A 30Aa 30B 30Ba 30Bc 30Bx 30Bd 30Bh 30Be 30Bf 30Bj 30Br 30D 30Df 30Dt 31A 31Aa 31M 33K 33O 33R 33Rb 36D 36Dc 36F 36Fb 44L 44Lc 45L 45La 46F 48A 48Ak 48A_48D 49E 49Ea 49Ef 56A 56Ac 56B 56Ba 56F 58C 58G 58Ga 58Gi 58Gj 63E 65A 65Ai 65Am 65Am2 65Am3 65Am4 65B 65Bk 65Bo 65Bx 65D 65Dc 65Df 65Dg 65Dk 65Dl 65Dla 65Dm 65Dp 65Du 65F 65Fb 65Fj 65Fq 65F2 65Fm 65Fe 65Fg 65G 65Ge 65K 65Kc 65Kd 65Kğ 65Kl 65Z 65Kö 65Kü 65L 65La 65Le 65N 65Np 65Np7 65Np8 65Nm 66A 73A 73C 73Ağ 73Ac 73Cd 73D 73Df 75E 75F 76C 76D 76Db 78D 78Da.
Material examined: 1♂1♀. Mercan valley, Yazıören 1450m, 04 06 2021.

**Lycaenidae**

25) **Callophrys mystaphia Miller,[1913]**
Synonym(s): *mystaphia Miller,[1913].*
Provincial Distribution in Turkey (as codes): 02 30 36 46 56 62 65 30B 30Bg 30D 30Df 36D 36Da 56F 62E 65E 65Eb 65Ec 65K 65Kl 65Z.

Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

26) **Callophrys rubi (Linnaeus,1758)**
Synonym(s): *rubi Linnaeus,1758; caecus Fourcroy,1785; virgatus Verity,1913; herculeana Pfeiffer,1927.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 10 12 13 14 16 17 18 22 24 26 28 29 30 31 33 34 35 36 37 38 39 40 44 45 46 48 49 50 51 52 55 56 58 60 62 66 70 71 73 80 01K 03E 04I 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 13A 13B 13Ba 13C 13Cf 13G 29F 30D 30Dt 31K 31Ka 31L 31La 33C 33K 36D 36Da 36F 36Fb 44A 44Ab 47B 49F 49Fb 60H 62E 66A 75F 75Fa 75Fd 76B 76Bj 76D 76Dd 80B 80Bc.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

27) **Celastrina argiolus (Linnaeus,1758)**
Synonym(s): *argiolus Linnaeus,1758; cleobis Sulzer,1776; thersanon Bergsträßer,1779; argyphontes Bergsträßer,1779; argalus Bergsträßer,1779; marginatus Retzius,1783; acis Fabricius,1787 nec Dru.,[1773]; #parvipuncta Fuchs,1880; calidogenita Verity,1919; britanna Verity,1919.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 65 66 67 69 72 73 75 76 78 81 01D 01G 01H 01K 02D 05A 06C 06G 06K 06R 06Rd 06Z 07A 07B 12A 12Ab 12Ai 13A 13Ab 13Ax 13B 13Ba 13Bg 13E 13Ea 13F 13F35 13G 13Ga 13Gö 13Gğ 13Gv 13Gw 13Gs 21L 21Lf 21N 21Nb 21O 23D 23I 23Ia 23Ib 23M 25F 25Fa 27C 30B 30Bc 30D 30Df 30Dh 30Dt 31A 31Aa 31L 31La 31F 31M 33A 33K 33R 33Rg 36F 36Fb 39C 44F 44Fa 45L 45La 48A 48Ak 49E 49Ec 49F 49Fb 49Fe 53L 56F 62E 65A 65Ai 65B 65Bk 65Bx 65D 65Dç 65Dh 65Dk 65Do 65Dt 65Dx 65F 65Fç 65Fd 65Fe 65F1 65Fq 65Ft 65Fu 65Fy 65F3 65Fz 65G 65Ge 65Gp 65K 65Kğ 65N 65Np 65Nm 66A 72E 72Ec 73A 73Ad 73Ad2 73Aj 73C 73Cd 76B 76Ba 76C 78D 78Da 80B 80Bc 80Bd 80C.
Material examined: 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

28) **Chilades (Freyeria) trochylus (Freyer,[1843])**
Synonym(s): *trochylus Freyer,[1843]; #trochilus Herrich-Schäffer,[1845]; parva Murray,1874; persa Bytinski-Salz & Brandt,1937; #supraradiata Wagner,1931.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 12 13 16 18 20 21 23 24 25 27 30 31 32 33 34 35 38 40 42 44 46 48 50 51 56 58 60 62 63 65 68 70 71 72 73 76 79 80 01D 01G 01F 02C 02E 02F 02Fe 05A 06K 06N 06P 06V 12A 12Ai 18F 21N 21Nb 23Cc 23I 23Ia 25F 25Fa 27B 27C 27Cb 27D 27Db 27Dd 27E 30A 30B 30Br 31F 31L 31La 31O 31K 31Ka 32D 32H 33A 33Al 33E 33R 33Rb 33K 33Kb 33O 33P 33R 33Rb 38C 38Ca 40D 44E 44L 44Lc 44O 44Oc 46G 46Gf 46K 56F 58G 58Ga 62D 62E 62F 62H 63B 63Ba 63D 63E 63G 63M 65F 65Fb 65Fp 65Fz 65G 65Gn 72E 72Eb 73A 73Ab 73C 73Cd 76C 79B 80B 80Bc 80C 80E.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

29) **Cupido (s.str.) minimus (Fuessly,1775)**
Synonym(s): *minimus Fuessly,1775; alsus [Denis & Schiffermüller],1775; pseudolus Bersträßer,[1779]; puer Schrank,1801.*

Provincial Distribution in Turkey (as codes): 01 03 06 16 24 25 29 30 32 36 37 38 42 51 52 53 58 60 65 66 69 70 74 75 76 01H 01K 03E 06G 06R 29F 30B 38C 38Cb 51B 51Ba 58G 58Ga 58R 62E 65B 65Bk 65Bx 65G 65Gd 65Ge 66A 70A 75E**.**
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

30) **Cupido (s.str.) osiris (Meigen,[1829])**
Synonym(s): *osiris Meigen,[1829]; saportae Duponchel,1832; violacea Verity,1911; sebrus Boisduval,[1833].*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 21 23 24 25 26 28 29 30 31 32 33 35 36 37 38 39 41 42 44 46 48 50 51 52 53 56 58 59 60 61 62 65 66 67 68 69 70 71 73 75 76 78 81 01L 01La 04I 05A 06A 06C 06G 06B 06K 06N 06P 06R 06Rd 06S 06Z 13A 13Ab 13Ax 13B 13Ba 13Bg 13D 13Da 13G 13Ga 13Gv 13Gw 21N 21Nb 23D 25F 25Fa 25Fc 30B 30Bb 30Bc2 30Bx 30Bk 30D 30Df 30Dh 30Dt 33K 36D 36De 36Df 36F 36Fb 38G 38Ga 44E 44L 44Lc 46F 46Fc 46Fd 46H 46Hc 46F 46Fc 46Fd 56D 56Dh 56Dğ 56Dh 56Dğ 62E 65A 65Ac 65Ac2 65Am 65Am1 65Am2 65At 65B 65Bn 65Bn1 65Bk 65Bx 65D 65Dc 65Dç 65Dq 65Dn 65Do 65Dt 65F 65Fb 65Fc 65Fç 65Fd 65Fe 65Fı 65Fj 65F3 65Fw 65Fz 65G 65Ge 65K 65Kç 65Kğ 65Kl 65Z 65Kü 65Kz 65L 65Le 65N 65Np 65Nm 66A 73C 73Cd 75E 76C 78D 78Da.
Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

31) **Glaucopsyche (Apelles) astraea (Freyer,[1851])**
Synonym(s): *astraea Freyer,[1851]; #astrea Gerhard,1853.*
Provincial Distribution in Turkey (as codes): 01 05 07 20 32 33 38 42 44 46 51 58 60 62 66 70 05A 07D 38H 38Hc 38Hf 44E 44Ec 44Ei 46H 46Hc 58G 62E 66A 70B.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

32) **Glaucopsyche (Iolana) lessei Bernardi,1964 (Fig.15c)**
Synonym(s): *lessei Bernardi,1964; christinae Betti,1977; cappadocia Betti,1977.*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 13 15 16 18 21 23 24 25 30 33 35 37 38 42 43 46 48 50 51 56 60 62 65 70 73 05A 06Kc 06N 06P 06R 06V 13C 13Cd 13F 13G 13Ga 13Gb 25F 25Fa 33K 33R 33Rb 46F 56F 62E 65A 65Ai 65D 65Dl 65Dm 65Do 65Doa 65Dn 65F 73D 73Dg.
Material examined: 1♂(GP267). Munzur Mt., AÖ.Koçak leg.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

33) **Lampides boeticus (Linnaeus,1767)**
Synonym(s): *boeticus Linnaeus,1767; damoetes Fabricius,1775; coluteae Fuessly,1775; pisorum Fourcroy,1785; boedicus Borkhausen,1788; #baeticus Latreille,1809; armeniensis Gerhard,1886; bagus Distant,1886.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76 02E 05A 06B 06C 06D 06F 06K 06Kb 06P 06R 06Rl 07B 07C 13A 13Ab 13Ae 13Af 13Ax 13F 13G 13Ga 13Gb 13Gv 13Gw 21L 21Le 21N 21Nb 21O 23C 23Cc 23I 23Ib 23M 27C 27Cb 30B 30Bb 30Bc 30Bç 30Bk 30Bf 30Bz 30D 30Dt 31F 31B 31A 31L 31La 31K 31Ka 32C 32D 33B 33C 33E 33R 33R 33Rb 36F 36Fb 38P 40D 44E 46G 46Gf 46L 48A 48Ak 48L 49E 49Ea 56B 56F 58G

58Gi 58Gj 62E 62F 63D 65A 65Ai 65Am 65Am2 65B 65Bk 65Bx 65D 65Dc 65Dl 65Dg 65Do 65Dn 65E 65F 65Fç 65Fd 65Fe 65Fm 65Fg 65Fh 65Fj 65Fp 65Fz 65G 65Gb 65Ge 65K 65Kğ 65Kş 65L 65Le 65N 65Nc 65Np 65Nm 72E 72Ec 73C 73Ce 73D 73Df 76B 76Ba 76C.

Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

34) **Lycaena (Alciphronia) alciphron (Rottemburg,1775)**

Synonym(s): *alciphron Rottemburg,1775; lampetie [Denis & Schiffermüller],1775; hiere Fabricius,1787.*

Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 56 58 60 61 62 65 66 69 71 72 73 74 76 80 02Fz 03C 04D 04Db 05A 06B 06G 06K 06P 06R 06Rd 06V 12A 12Aa 12B 13A 13Ac 13Aç 13Ad 13Af 13Ax 13C 13Cf 13E 13Ea 13F 13G 13Ga 13Gv 13Gw 16R 21O 23D 23Dc 23I 23Ia 23Ib 23M 24B 24Bb 24G 24H 25F 25Fa 25Fb 25Fc 29A 29Ae 29F 30B 30Bc2 30Bx 30Br 30D 30Df 30Du 31M 33R 33Rb 33Rd 36B 36D 36Dd 36Df 36E 36F 36Fb 36H 38G 38Ga 46F 46H 46Hc 49E 49Ea 49F 49Fd 56F 58C 58G 58Ga 62E 62F 65A 65Ac 65Ac2 65Ai 65B 65Bk 65Bo 65Bx 65D 65Dc 65Dd 65Dda 65Df 65Dg 65Dk 65Dm 65Do 65Doa 65Dp 65E 65Eb 65F 65Fe 65Fh 65Fç 65Fj 65Fp 65Fz 65G 65Gm 65K 65Kb 65Kc 65Kö 65Kü 65Kğ 65Kl 65Z 65Km 66A 69B 69Ba 72E 72Ec 72Ei 73C 73Cd 75A 75Ab 75Ac 75D 75E 75F 75Fa 76A 76Ab 76C 80B 80Bc.

Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 03, 05 06 2021.

Remark: The number of individuals in the area is very low.

35) **Lycaena (Thersamonia) asabinus (Gerhard,[1850])**

Synonym(s): *#helius Herrich-Schäffer,[1851]; asabinus Herrich-Schäffer,[1852].*

Provincial Distribution in Turkey (as codes): 01 02 03 04 05 07 08 12 13 21 23 24 25 30 32 33 36 42 44 46 47 50 51 52 56 58 62 65 70 73 01K 02F 02Fd 02Fe 05A 12A 12Ab 13A 13Ab 13Ac 13Ax 13C 13Cd 13F 13G 13Gs 13Gü 13Gw 21O 23I 25F 25Fa 30B 30Bc 30D 30Df 33R 33Rb 36D 36Da 44E 44F 44Fb 44L 46F 46Fc 46G 46H 46Hc 47B 56F 58G 58Gi 62E 62F 65A 65Am 65Am4 65At 65B 65Bk 65Bo 65Bx 65D 65Dk 65Do 65Dr 65Drb 65Dt 65Gv 65Gz 65F 65Fç 65Fd 65Fj 65Fp 65Fr 65Fx 65Fz 65K 65Kb 65Kl 65Z 65Kö 65Kz 65Kğ 65L 65Le 65N 65Np 65Np2 65Nr4 65Nr7 65Nm 73A 73Ad 73Ad2

Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

36) **Lycaena (Thersamonia) thersamon (Esper,[1784])**

Synonym(s): *hyllus Cramer,[1775]; thersamon Esper,[1784]; omphale Klug,1834; persica Bienert,1870; #militaris Graves,1925.*

Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 11 12 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 49 50 51 52 53 55 57 58 59 60 62 66 68 69 70 71 74 76 77 79 80 01F 02F 05A 06A 06B 06E 06H 06K 06Kg 06P 06R 06Rd 06V 06Z 12A 12Ab 12Ai 12B 23D 23Dc 23I 23Ia 23E 25F 25Fa 27C 27Cb 31A 31Aa 31L 31La 33A 33O 33R 33Rb 36F 36Fb 39C 44E 44Ei 44F 44Fa 44Fb 44L 44Lc 46F 46E 46Eb 46G 48A 48Aa 48Al 48Aç 48Af 49E 49Ea 58C 58G 58Gd 58Gi 62D 62G 62H 62F 66A 70C 70Ca 70Cb 76C 76D 76Da 76Dd 79B

Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021.

Remark: The number of individuals in the area is very low.

37) **Lycaena (Thersamonia) thetis (Klug,1834)** **(Fig.15b)**

Synonym(s): *thetis Klug,1834.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 12 13 16 24 25 29 30 32 33 35 36 38 42 44 46 48 49 51 58 60 62 65 66 69 70 73 75 76 05A 06B 06R 06Ri 12E 12Ea 13A 13Aa 13Ac 13Ac1 13Ac2 13Ac3 13Aç 13Ax 13F 13F7 13F71 13G 13Gv 13Gu 24B 24Bb 24D 25F 25Fa 30B 30Bb 30Bk 30D 30Df 30Dh 30Du 30Dt 33R 33Rd 36D 36Db 36F 36Fb 36H 44O 44Od 46F 49F 49Fd 58G 58Gi 58Gg 65A 65Ac 65Ac2 65Ab 65Abb 65B 65Bk 65Bx 65D 65Dc 65G 65Ge 65Gl 65Gp 65F 65Fe 65Fm 65Fq 65Fç 65Fu 65Fx 65Fw 65Fe 65Fh 65Fz 65G 65Ge 65K 65Kb 65Kc 65Kğ 65Kl 65Z
65Km 65Kö 69B 69Ba 70C 70Cb 75F 75Fa 76B 76C.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021); 1♂(GP237). 62Eb Yılanlıdere [Gözeler (Yılanlıköy)], 2700m, Munzur Dağları (39°26'31"N 39°09'44"E) AÖ.Koçak leg.

38) **Lycaena (s.str.) phlaeas (Linnaeus,1761)**
Synonym(s): *phlaeas Linnaeus,1761; virgaureae Fourcroy,1785 nec Linn.,1758; eleus Fabricius,1798; aestivus Zeller,1850; schmidtii Gerhard,1853.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 80 81 02E 02F 02Ff 02Fz 04D 04Db 05A 06B 06D 06G 06K 06P 06R 06Rd 06V 06Z 13A 13Ab 13Ac 13Ac1 13Af 13Ai 13Ax 13B 13Bg 13F 13F33 13G 13Ga 13Gö 13Gğ 13Gv 13Gm 13Go 13Gs 13Gü 13Gy 13Gw 21L 21Le 21N 21Nb 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 27C 27Cb 30B 30Bc 30Bk 30D 30Df 30Dt 31A 31Aa 31C 31Cb 31F 31K 31Ka 31L 31La 31M 33A 33Ai 33K 33R 33Rb 35T 35Td 36D 36Db 36F 36Fb 38H 38Hc 39C 44F 44Fb 44L 44Lc 45L 45La 46F 48A 48Aa 48Ak 48D 48F 48L 49E 49Ea 49F 49Fb 56F 58G 58Ga 58Gj 58Gi 60H 62F 63D 65A 65Ai 65Am 65Am1 65Ag 65Au 65B 65Bk 65Bn 65Bn1 65Bx 65D 65Dc 65Dk 65Dm 65Do 65Dr 65Drb 65Dt 65Dw 65E 65Eb 65Ec 65F 65Fç 65Fd 65Fe 65Fg 65Fn 65Fl 65Fj 65Fı 65Fq 65Fp 65F3 65Fu 65Ft 65Fx 65Fz 65G 65Ga 65Gb 65Ge 65Gp 65Gn 65K 65Kl 65Z 65Km 65Kö 65Ks 65Kü 65Kw 65Ky 65Ky1 65N 65Nc 65Nr2 65Nm 66A 73C 73Cd 73D 73Da 73Db 73Df 75F 75Fa 76A 76Ac 76Ad 76B 76Be 76Bf 76Bh 76Bj 76C 76D 76Db 78D 78Da 80B 80Bc.
Material examined: 1♂. Mercan valley, Yazıören 1450m, 04 06 2021.
Remark: The number of individuals in the area is very low.

39) **Plebejus (Kretania) carmon (Gerhard,[1851])**
Synonym(s): *carmon Gerhard,[1851, November]; eurypilus Freyer,[1851,December].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76 79 01H 01K 02Ff 04D 04Db 05A 06B 06C 06D 06K 06R 06Rd 06V 06Z 07A 07Al 13A 13Ab 13Ac 13Ad 13Ae 13Af 13Ag 13Ah 13Ax 13B 13Ba 13C 13Cd 13Cf 13F 13G 13Gv 13Gw 21N 21Nb 21L 21Le 21O 23Cc 23I 23Ia 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 27B 27C 30A 30B 30Bb 30Bc2 30Bx 30Bk 30Br 30C 30D 30Df 30Dt 33O 33R 33Rb 35S 35Sb 38C 38Ca 42D 42Dc 42H 42X 42Xa 44E 44I 44L 44Lb 44Lc 44O 44Od 46G 46Gf 49E 49Ea 49F 49Fe 56B 56F 58C 58G 58Gd 58Gi 63D 63H 63M 65A 65Ai 65Am 65Am2 65Am3 65B 65Bk 65Bo 65Bx 65D 65Dç 65Dd 65Dda 65Df 65Dg 65Di 65Do 65E 65Eb 65F 65Fç 65Fg 65Fı 65Fh 65Fe 65Fm 65Fj 65Fü 65Fp 65Fz 65G 65Gl 65Gp 65Gm 65Gu 65Gz 65Gb 65K 65Kğ 65Kb 65Kc 65Kl 65Z 65Kö 65Kü 65N 65Nb 65Np2 65Np5 65Np7 65Nr3 65Nr6 65Nm 66A 72E 72Eb 72Ec 72Eh 72Ei 72Ek 73A 73C 73Cd 76C 76D 76Da 76Dc 79B 79Ba.
Material examined: 4♂. Gözeler (Yılanlıköy) 1400m, 03, 26 06 2021.
Remark: A well-represented species in the area.

40) **Plebejus (Plebejides) zephyrinus (Christoph,1884)**
Synonym(s): *zephyrinus Christoph,1884.*
Provincial Distribution in Turkey (as codes): 13 30 56 65 72 73 76 13A 13Ag 13Ax 13B 13Ba 13Bg 13D 13Da 13E 13Ea 13G 13Ga 13Gv 13Gw 30A 30B 30Ba 30Bb 30Bc 30Bc2 30Bx 30Bg 30Bk 30D 30Df 30Dt 56F 65A 65Ai 65As 65At 65B 65Bk 65Bx 65D 65Dç 65Dd 65Dda 65Do 65Df 65Dg 65Dj 65Dk 65Dl 65Dq 65Dp 65Dm 65G 65Ge 65Gt 65F 65Fb 65Fç 65Fd 65Fm 65Fg 65Fh 65Fe 65Fp 65Fq 65Fs 65Fz 65Fl 65K 65Kl 65Z 65Kz 65Kğ 65Ky 65Ky1 65L 65Le 65N 65Np 65Np2 65Np5 65Np7 65Nr2 65Nr3 65Nm 72E 72Eh 76C 76D 76Da.
Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021. 3♂. Mercan valley, Şahverdi 1513m, 04 06 2021; Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: A well-represented species in the area.
First record for the fauna of Tunceli Province.

41) **Plebejus (s.str.) argus (Linnaeus,1758)**
Synonym(s): *argus Linnaeus,1758; aegon Denis & Schiffermiller,1775; plouharnelensis Oberthür,1926; pulchraphilonome Verity,1931.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 42 43 46 49 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76 78 04D 04Db 05A 06B 06C 06E 06G 06H 06R 06Rd 06V 06Z 13A 13Ac 13Ac1 13Ac2 13Aç 13Ad 13Af 13Ag 13Ax 13F 13F7 13F71 13F73 13G 13Ga 13Gd 13Gv 13Gw 14I 14Ib 25F 25Fa 25Fb 25Fc 30B 30Bb 30Bc 30Bk 30D 33R 33Rd 36F 36Fb 38C 38Ca 38H 46F 46Fc 46Fg 49E 49Ea 49Ec 49Ef 49F 49Fd 58R 58Rb 65A 65Aç 65Ac 65Ac2 65Ac4 65Am 65Am2 65B 65Bc 65Bo 65Bx 65D 65Dc 65Dç 65Dç1 65Df 65Do 65Doa 65F 65Fç 65Fe 65F1 65Fg 65Fh 65Fü 65Fq 65Fp 65Fs 65Fw 65Fz 65G 65Gb 65Gp 65Gv 65Gz 65H 65Ha 65K 65Kc 65Kğ 65Kl 65Z 65Km 65Kö 65Kü 65Kş 66A 76C 76A 76Ab 76B 76Bf 76Bh 76D 76Da 78D 78Da.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021; 1♂. Mercan valley Şahverdi 1530m, 27 06 2021.
Remark: The number of individuals in the area is very low.

42) **Polyommatus (Albulina (Plebejidea)) loewii (Zeller,1847)**
Synonym(s): *loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 78 80 01K 02E 04D 04Db 05A 06C 06G 06K 13A 13Aç 13Ae 13Ax 13B 13Ba 13F 13G 13Gb 13Gv 13Gç 13Gw 21O 25F 25Fa 25Fb 25Fc 27C 27Cb 30A 30B 30Bc2 30Bx 30Bk 30Bo 30Br 30D 30Df 30Dt 30Du 33R 33Rb 36F 36Fb 40D 43G 44E 44L 44Lc 44O 44Oc 44Od 46F 48A 48Ak 48D 49A 49Aa 49E 49Ef 49F 49Fd 56F 58C 58G 58Ga 58Gi 58R 58Rb 63B 63D 63F 63H 63G 65A 65Aç 65Ac 65Ac2 65Am 65Am2 65B 65Bk 65Bx 65D 65Dc 65Dç 65Dç1 65Df 65Dg 65Dl 65Dlc 65Dp 65Do 65G 65Ge 65Gp 65Gl 65E 65Ea 65Eb 65F 65Fc 65Fg 65Fh 65F1 65Fj 65Fe 65Fn 65Fm 65Fp 65Fü 65Ft 65Fx 65Fç 65Fz 65K 65Kc 65Ké 65Kğ 65Kl 65Z 65Kö 65Kü 65Kz 65L 65Le 65N 65Nb 65Np 65Np5 65Nr3 65Nr4 65Nm 66A 72E 72Eh 76C 76D 76Da 78D 78Da.
Material examined: 1♂. Munzur valley 1110m, 02 06 2021; 2♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1 ♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: This species is well represented in the region.

43) **Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)**
Synonym(s): *medon Hufnagel,1766 nec Linn.,1763; alexis Rottemburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträßer,[1779].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81 01H 01G 01D 02E 02Ff 02Fz 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06Nc 06R 06Rd 06S 06V 06Z 13A 13Ab 13Af 13Ax 13D 13Da 13E 13Ea 13F 13F35 13G 13Gö 13Gğ 13Gs 13Gw 21L 21Le 21Lf 21N 21Nb 21O 25F 25Fa 27C 27Cb 27D 27Db 27E 30A 30B 30Bc 30Bk 30Br 30Bt1 30C 30D 30Df 31A 31Aa 31B 31L 31La 33K 33O 33R 33Rd 36F 36Fb 39C 44E 44F 44Fb 44L 44Lc 44T 45L 45La 46F 46Fc 46Fd 46G 46Gf 48A 48Ak 48Ad 48Ai 48F 49E 49Ea 49F 49Fb 56F 58C 58G 58Gi 63B 63Ba 63D 63E 63G 63M 65A 65Ah 65As 65At 65B 65Bk 65Bx 65D 65Dj 65Dg 65Dk 65Dq 65Dn 65Dr 65E 65Eb 65Ec 65Ed 65F 65Fd 65Fg 65Fh 65Fx 65Ft 65F1 65Fz 65Fc 65G 65Ga 65Gb 65Ge 65Gh 65K 65Kl 65Z 65Km 65Ku 65N 65Nç 65Nl 65Np 65Np8 65Nm 65Nn 66A 70C 70Cb 72E 72Eb 72Ei 73A 73Ad 73C 73Cd 73D 73Db 76A 76Ac 76Ae 76E 76Ea 76D 76Da 76Dc 76Dg 78D 80C 80E 80G.
Material examined: 1♀. Mercan valley 1513m, 04 06 2021.

44) **Poyommatus (Aricia (Ultraaricia)) crassipunctus (Christoph,1893)**
Synonym(s): *crassipunctus Christoph,1893; #crassipunctata Seitz,1909.*
Provincial Distribution in Turkey (as codes): 08 13 21 24 25 30 36 38 44 46 53 62 65 76 80 13G 13Gt 25C 25Ca 30B 30Bb 30Bc2 30Bx 30Bk 30D 30Du 38C 38Ca 65A 65Ab 65Au 65B 65Bk 65Bx 65D 65Da 65G 65Gb 65Gd 65Ge 65Go 65F 65Fq 65Fr 65Fu 65F1 65Fz 65K 65Kö 65Z 76B 76Bf 76Bh 76C.
Material examined: 1♂. Mercan valley, Şahverdi 1530m, 27 06 2021.

45) **Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis (Forster,1960)**
Synonym(s): *pseudactis Forster,1960.*
Provincial Distribution in Turkey (as codes): 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76 30B 30Bd 30Bh 36D 44L 44Lc 46F 49E 49Ea 65A 65B 65Bk 65Bx 65D 65Dç 65Dg 65Dp 65G 65Ge 65Gf 65Gy 65F 65Fe 65Fj 65Ft 65Fz 65L 65Le 65N 65Np8 65Nr6 65Nm 66A 76C 76D 76Da.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

46) **Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenius (Herrich-Schäffer,[1847])**
Synonym(s): *iphigenia Herrich-Schäffer,[1847].*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 13 14 16 24 25 29 30 32 33 36 37 38 42 46 48 51 53 58 60 62 65 66 69 70 76 78 04D 04Db 05A 06G 06H 06Z 13G 13Gv 13Gw 14I 14Ib 24L 25F 25Fa 30B 30Bc 30Bc2 30Bx 30Bd 30Bh 30Bj 33R 33Rd 46F 48D 62E 65A 65Ac 65Ac1 65Am 65Am2 65B 65Bk 65Bx 65D 65Dç 65Dç1 65G 65Gd 65Ge 65F 65Fe 65Fg 65F1 65Fq 65Fr 65Fs 65Fz 66A 76C 78D 78Da.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

47) **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicus (Koçak,1977)**
Synonym(s): *turcicus Koçak,1977.*
Provincial Distribution in Turkey (as codes): 04 08 13 24 25 29 30 36 62 65 69 76 04D 04Db 13G 13Gw 30B 30Bd 30Bc 30Bx 30Be 30Bh 30Bj 62E 65Bx 65D 65Dç 65Dp 65G 65Gd 65Ge 65Fz 65K 65Kğ 76C.

Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

48) **Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842]) (Fig.6)**
Synonym(s): *bellis Freyer,[1842].*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 23 24 25 27 28 29 30 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 74 75 76 80 01L 01Lb 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06P 06R 06Rd 06V 13A 13Ab 13Ax 13D 13Da 13G 27C 30D 30Df 44A 44Ab 44E 44Ei 46F 46Fc 49E 49Ea 56F 65A 65Am 65Am2 65Am3 65B 65Bk 65Bx 65D 65Dç 65Dd 65Dda 65Df 65Dg 65Dn 65Do 65Dt 65Dv 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fd 65Fe 65F3 65Fm 65Fw 65Fz 65K 65Kö 65Kq 65Z 65Kğ 65M 65Mc 66A 75F 76C.
Material examined: 1♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 3♂. Gözeler (Yılanlıköy) 1400m, 03, 05, 26 06 2021; 2♂. Mercan valley, Şahverdi 1513m, 04 06 2021.
Remark: A well-represented species in the area.

49) **Polyommatus (s.str.(Lysandra)) bellargus (Rpttemburg,1775)**
Synonym(s): *bellargus Rottemburg,1775; thetis Rottemburg,1775 nec Dru.,1773; adonis Denis & Schiffermüller,[1775]; salacia Bergsträßer,1779; venilia Bergsträßer,1779;; hyacinthus Lewin,1795; urania Gerhard,[1851]; persemagna Verity,1937; arentissima Verity,1937; arens Verity,1937; arentior Verity,1937; antearentior Verity,1937; parabellargus Verity,1939; shakla Higgins,1958.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 78 80 02Ff 04D 04Db 05A 06B 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 13C 13Cd 13D 13Da 13E 13Ea 13F 14I 14Ib 21K 21N 21Nb 21O 25F 25Fa 25Fb 25Fc 30B 30Bc 30Br 30D 30Df 33K 33O 33R 33Rd 36F 36Fb 38H 38Hc 44A 44Ab 44E 44Ei 44O 44Oc 46F 46Fc 46Fd 49F 49Fb 49Fe 56F 65A 65Ai 65Ao 65Am 65Am4 65B 65Bk 65Bx 65D 65Di 65Dh 65Dk 65Dr 65Drb 65Dq 65F 65Fe 65Fg 65Fh 65Fj 65Fı 65Fm 65Fp 65Fz 65Ft 65Fu 65Fx 65F3 65G 65Gd 65Ge 65H 65Ha 65K 65Ka 65Kl 65Z 65Kö 65L 65Le 65N 65Np 65Nm 66A 73A 75F 75Fi 76A 76Ac 76C 76D 76Dd.
Material examined: 1♀. Ovacık 7.2km S., 1450m, 02 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021; 2♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: A well-represented species in the area.

50) **Polyommatus (s.str. (Lysandra)) corydonius (Herrich-Schäffer,[1852]) (Fig.15d)**
Synonym(s): *corydonius Herrich-Schäffer,[1852].*
Provincial Distribution in Turkey (as codes): 04 08 12 13 23 24 25 29 36 49 58 62 65 69 73 75 76 04D 04Db 12A 12Ab 13G 13Gw 23I 23M 25F 25Fa 25Fb 25Fc 49F 49Fd 58F 62E 62G 65A 65Ac 65Ac2 65B 65Bk 65Bx 65D 65Dc 65G 65F 65Fç 65Fı 65Fr 65Fq 65Fz 65G 65Gd 65Gp 65Ge 65K 65Kb 65Kc 65Kl 65Z 65Km 65Kö 65Kğ 65Kw 65N 65Nr4 65Nm 73A 73Ag 73C 73Cd 75D 75F 76C 76D 76Da.
Material examined: 5♂(GP402-405). Ovacık, Munzurlar, AÖ.Koçak leg.; 2♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021). A well-represented species in the area.

51) **Polyommatus (s.str. (Meleageria) daphnis ([Denis & Schiffermüller],1775)**

Synonym(s): *daphnis [Denis & Schiffermüller],1775; endymion [Denis & Schiffermüller],1775 nec Fabricius,1775; meleager Esper,1778; dalmatina Wagner,1909*. Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 56 58 60 62 65 66 68 69 70 71 73 74 75 76 78 04D 04Db 05A 06B 06C 06D 06E 06K 06N 06R 06Rd 06V 06Z 13A 13Ab 13Ax 13F 13G 13Gv 13Gw 14I 14Ib 21K 24E 24Ea 30B 30Ba 30Bc 30Bx 30Bj 30Bd 30Bh 30Bf 30Br 30C 30D 30Da 30Db 30Df 30Dt 31M 33R 33Rd 34C 36F 36Fb 44E 44Ei 44F 44Fb 46F 46L 49E 49Ea 56F 58G 58Gj 58Gi 58Gk 58R 58Rb 65A 65Am 65Am2 65Ac 65Ac2 65B 65Bk 65Bx 65D 65Dc 65Dç 65Dç1 65Df 65Do 65Dp 65K 65Kb 65G 65Gd 65Ge 65Gm 65Gn 65Gs 65Go 65Gp 65F 65Fb 65Fc 65Fç 65Fg 65Fh 65Fe 65Fq 65Fj 65Fı 65Fp 65Ft 65Fü 65Fu 65Fr 65Fz 65K 65Kc 65Ké 65Kl 65Z 65Km 65Kö 65Kü 65Kz 65Kğ 65Kw 65L 65Le 65N 65Np 65Np5 65Nr2 65Nr4 65Nm 75F 76C 76D 76Da**.
Material examined: 1♂1♀. Gözeler (Yılanlıköy) 1400m, 26 06 2021.
Remark: A well-represented species in the area.

52) **Polyommatus (s.str. (Neolysandra)) ponticus (Courvoisier,1911) (Fig.6)**
Synonym(s): *ponticus Courvoisier,1911*.
Provincial Distribution in Turkey (as codes): 01 05 06 07 12 28 30 38 42 46 49 52 58 65 05A 06D 06E 06R 12A 12Ab 30B 30Bc 46F 46Fg 49E 49Ea 65A 65Ai 65As 65At 65At1 65D 65Dç 65Dz 65Dza 65Fz.
Material examined: 1♀. Ovacık 7.2km S., Hozat road 14375, 02 06 2021; 2♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♀. Mercan valley, Yaziören 1450m, 04 06 2021.
First record for the fauna of Tunceli Province.

53) **Polyommatus (s.str. (Plebicula)) amandus (Scheider,1792)**
Synonym(s): *icarius Esper,1789 nec Rottemburg,1775; amandus Schneider,1792*.
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80 02E 05A 06B 06G 06K 06R 06Rd 06V 06Z 13F 13G 13Gç 13Gt 13Gv 14I 14Ib 24E 24Ea 27C 30A 30Aa 30B 30Ba 30Bc 30Bx 30Bd 30Bf 30Bg 30Bk 30Bj 30C 30Cd 30Ce 30D 30Da 30Db 30De 30Dk 30Dt 31A 31Aa 31L 31La 33K 33R 33Rd 36F 36Fb 38H 38Hc 44A 44Aa 46F 46G 46Ge 49E 49Ea 56F 65A 65Ai 65At 65Am 65Am2 65Am3 65B 65Bk 65Bx 65D 65Dc 65Dç 65Dda 65Df 65Dn 65Dt 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fb 65Fç 65Fe 65Fn 65Fz 65G 65Ge 65K 65Kl 65Z 65L 65Le 65N 65Np 65Nş 65Nm 66A 72E 72Ej 75F 76C 78D 78Da.
Material examined: 3♂. Gözeler (Yılanlıköy) 1400m, 03-05, 26 06 2021; Mercan valley, Şahverdi 1513m, 04 06 2021.
Remark: A well-represented species in the area.

54) **Polyommatus (s.str. (Sublysandra)) cornelius (Freyer,[1850])**
Synonym(s): *cornelius Freyer,[1850]; cornelia Gerhard,[1851]; candalus Herrich-Schäffer,[1851]; zuleikae Pfeiffer,1932; eberti Koçak,1979; subtilis Pages & Charmeux,1992*.
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 11 14 15 16 18 19 20 21 24 25 26 27 29 31 32 33 37 38 42 43 44 46 47 50 51 55 56 58 60 62 63 64 66 70 71 73 01K 01L 01Lb 02Fz 05A 06A 06B 06C 06G 06K 06R 06Rd 06V 06Z 21L 21Le 21N 21Nb 33K 33O 33R 33Rb 38P 46F 46Fc 46G 46Gi 66A 70A**.**
Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

55) **Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877)**

Synonym(s): *aedon Christoph,1877.*
Range (as codes): IR Ab Khy Elb Th Ha TR Cc 04 08 13 24 25 29 31 36 49 53 62 65 69 76 04D 04Db 13A 13Ad 13Ac 13Ac1 13Ac2 13Aç 13Af 13Ah 13Ax 13G 13Gç 13Gt 13Gv 13Gw 30B 30D 31A 36F 36Fb 49E 49Ea 65D 65Dd 65Dç 65F 65F1 65Fe 65Fz 65H 65K 65Kü 65Z 65N 65Nr2 65Nr3 65Nr4 65Nm 65Nj.
Remark: This species was recorded by Koçak as *myrrhinus* in 1973 in the district (Koçak, 1980).

56) **Polyommatus (s.str.) icarus (Rottemburg,1775)**
Synonym(s): *argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträßer,1779; candybus Bergsträßer,1779; candiope Bergsträßer,1779; candaon Bergsträßer,1779; oceanus Bergsträßer,1779; fusciolus Fourcroy,1785; icarinus Scriba,1795; pusillus Gerhard,1851; celina Austaut,1879; neglectus Stradomsky & Arzanov,1999.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 78 80 81 01A 01C 01H 01G 01F 01K 02B 02E 02G 02F 02Ff 02Fz 04D 04Db 05A 06A 06B 06C 06D 06E 06G 06H 06K 06N 06P 06R 06V 06Z 12A 12Ai 13A 13Ab 13Ad 13Af 13Ai 13Ax 13B 13Ba 13Bg 13D 13Da 13E 13F 13G 13Ga 13Gç 13Gv 13Gü 13Gy 13Gw 14I 14Ib 18F 21L 21Le 21N 21Nb 21O 27C 27Cb 27D 27Db 27Dd 30B 30Bb 30Bk 30Br 30D 30Df 31A 31Aa 31B 31E 31F 31L 31La 31K 31Ka 33A 33C 33K 33O 33R 33Rb 33Rd 36F 36Fb 38H 38Hc 39C 44E 44Ei 44L 44Lc 44O 44Oc 45L 45La 46G 46Gf 46E 46Eb 46F 48A 48Aa 48Ad 48D 48F 48L 49E 49Ea 49Ed 49F 49Fb 49Ff 56F 56Fc 56F1 58G 58Gj 58Gi 58Gk 58R 58Rb 63B 63Ba 63D 63E 65A 65Ai 65Ag 65As 65Au 65Am2 65Ac 65Ac2 65B 65Bk 65Bx 65D 65Dd 65Dda 65Dj 65Dk 65Dr 65Drb 65Dm 65Do 65Dn 65E 65Ea 65Eb 65F 65Fç 65Fg 65Fe 65Fj 65Fh 65Fl 65Fm 65Fq 65Fr 65Fü 65Fu 65Fx 65F1 65Fw 65Fz 65G 65Ga 65Gb 65Ge 65Gd 65Gm 65Gn 65H 65Ha 65K 65Ka 65Kb 65Kc 65Kğ 65Kl 65Z 65Ks 65Kş 65Kö 65Ku 65Ky 65Ky1 65L 65Le 65M 65Mc 65Md 65N 65Nc 65Np 65Np2 65Np4 65Np7 65Nr3 65Nş 65Nm 66A 72E 72Eb 72F 73A 73Ad 73Ad2 73D 73Db 73Df 73E 73Eb 73H 75F 75Fi 76A 76Ac 76Ae 76B 76Ba 76Bf 76Bh 76C 76D 76Da 76Dg 76E 76Ea 78D 78Da 80B 80Bd 80C 80E.
Material examined: 1♂. Yenikonak, Bozkıra 1714m, 03 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

57) **Pseudophilotes vicrama (Moore,1865)**
Synonym(s): *vicrama Moore,1865.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 01K 05A 06B 06G 06K 06P 06R 06Rd 06S 06V 06Z 07A 07B 07Bc 13F 13G 13Ga 13Gö 13Gğ 13Gv 23I 23Ia 23Ib 23D 27C 30B 30Bc 30D 30Df 30Dt 31A 31Aa 31L 31La 33A 33C 33O 33R 33Rb 35T 36F 36Fb 44L 44Lc 45L 45La 46F 46Fc 46G 46Gf 49F 49Fb 56F 58G 58Ga 58Gi 58R 58Rb 63D 63E 65A 65Am 65Am2 65Am3 65B 65Bk 65Bx 65D 65Dc 65Dç 65Df 65Do 65F 65Fb 65Fd 65Fb 65Fç 65Fd 65Fe 65Fg 65Fl 65Fh 65Fq 65Fz 65G 65Gb 65Ge 65K 65Kl 65Z 65Ky1 65Kz 65Kğ 65L 65Le 65N 65Np 65Np2 65Nm 66A 72E 72Ei 73A 73Ad 73Ad2 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80B 80Bc.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.
Remark: The number of individuals in the area is very low.

58) **Quercusia quercus (Linnaeus,1758)**
Synonym(s): *quercus Linnaeus,1758; longicauda Riley,1921.*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 09 10 11 12 13 14 16 17 18 21 22 23 25 28 29 30 32 33 34 35 38 39 42 43 44 45 46 49 52 56 58 60 62 64 65 66 71 73 74 01K 05A 06B 06D 06R 06Rd 06V 12A 12Ab 12E 12Eb 13F 21N 21Nb 23I 30B 30Bf 30D 30Db 30Df 38H 38Hc 49E 49Ea 56F 61K 62E 62G 65A 65Ai 65D 65Dl 65Dlc 66A 73A 73Ad 73Ad2 73D 73Dg 75F.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

59) **Rubrapterus bavius (Eversmann,1832) (Fig.15a)**
Synonym(s): *bavius Eversmann, 1832.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 08 09 13 14 16 17 21 23 24 27 28 30 31 32 33 34 35 38 41 42 44 46 47 48 51 58 60 62 63 65 69 70 71 73 80 05A 06C 06G 06K 06N 06P 06R 06S 06V 13F 13G 23M 30B 30Bc 30Bc2 30Bc5 30Bx 30D 30Df 31M 33C 33O 38H 38Hc 44E 46G 46Gf 47B 58G 58Ga 58Gc 58Gi 62E 62Eb 62H 63N 63Na 65A 65Am 65Am4 65D 65Dç 65Df 65Dg 65Dk 65Dm 65Dn 65F 65Fb 65Fc 65Fç 65Fz 65K 65Kb 65Z 65Kç 65Kd 65Kğ 65N 65Np4 65Nm 73D 73Dg.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021). 62Eb Yılanlıdere [Gözeler (Yılanlıköy)], 2700m Munzur Dağları (62 TR) (39°26'31"N 39°09'44"E) (Koçak & Kemal,2019).

60) **Satyrium (Nordmannia) abdominalis (Gerhard,[1850])**
Synonym(s): *abdominalis Gerhard,[1850]; gerhardi Staudinger,[1895]; alboabdominalis Pfeiffer,1938; persica Riley,1939; #gerhardti Wiltshire,1943; elta Higgins,1964.*
Provincial Distribution in Turkey (as codes): 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80 02E 02F 02Fc 05A 06K 13C 13Cd 13G 13Ga 13Gd 13Gv 13Gw 21N 21Nb 21O 23D 24E 24Ea 27C 27Cb 30B 30Bc2 30Bx 30Bg 30Br 30D 30Db 30Df 31L 31La 33R 33Rb 36D 36F 36Fb 44L 44Lb 46F 46G 47D 56B 56F 58C 58G 58Ga 58Gi 62E 62G 63E 65A 65Aç 65Ai 65Au 65D 65Dd 65Dda 65Df 65Dm 65Dp 65Dv 65Dt 65Dn 65Ds 65F 65Fb 65Fc 65Fd 65Fe 65Fj 65Fq 65Fp 65Fü 65Fw 65Fz 65G 65Gb 65K 65Kl 65Z 65Kö 65Kü 70C 70Cb 72E 72Eh 73D 73Df 76C 80B 80Bc.
Material examined: 1♀. Mercan valley 1700-1850m, 27 06 2021.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021). The number of individuals in the area is very low.

61) **Satyrium (Nordmannia) armenum (Rebel,1901) (Fig.7)**
Synonym(s): *armenum Rebel,1901.*
Provincial Distribution in Turkey (as codes): 04 08 13 24 25 30 36 49 62 65 69 76 13G 13Ga 13Gc 13Gw 30D 30Df 30Dh 36D 36Dd 49E 49Ea 62G 65A 65Au 65D 65Dx 65F 65Fc 65Fd 65Fj 65L 69B 69Ba 76C.
Material examined: 1♂. Munzur valley 1160m, 02 06 2021.
Remark: The number of individuals in the area is very low.

62) **Satyrium (Nordmannia) ilicis (Esper,[1779])**
Synonym(s): *ilicis Esper,[1779].*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 09 10 11 13 14 15 16 17 19 21 20 22 24 25 26 27 29 31 32 33 34 35 37 38 39 40 41 42 43 45 46 48 50 51 54 55 56 58 60 61 62 66 67 69 70 71 74 75 76 78 80 81 01H 01K 03E 05A 05G 06B 06C 06Cb

06G 06R 06Ra 06Rd 06V 07A 07Ac 07Ad 07B 07C 13C 13Cf 13D 27E 27C 27Cb 29F 31A 31Aa 31B 31C 31Cb 31F 31L 31La 31M 32D 32F 32I 33E 33R 33Rb 33Rg 33O 43G 44L 45L 45La 46F 46G 46Ga 46K 48A 48Ak 48F 58C 60C 62D 62E 62G 62H 66A 69B 69Ba 75F 75Fa 78D 78Da 80B 80Bc 80Bd 80C 80E 80G.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

63) **Satyrium (Nordmannia) zabni Oorschot & Brink,1991**
Synonym(s): *#zabni Higgins,1964; zabni Oorschot & Brink,1991.*
Provincial Distribution in Turkey (as codes): 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73 02E 02Ff 13C 13Cf 13D 13Da 13E 13Ea 13F 13G 13Ga 13Gw 21N 21Nb 21O 30B 30Bc 31L 31La 47E 49E 49Ea 56B 56F 56Fa 62E 65D 65Dl 65Dlc 65Do 65Dn 65Du 65F 65Fb 65Fc 72E 72Em 73C 73Cd.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

64) **Satyrium (Strymonidia) spini (Fabricius,1787)**
Synonym(s): *#spini [Denis & Schiffermüller],1775; lynceus Esper,[1779] nec Drury,1773; spini Fabricius,1787; cerasi Herbst,1804 nec Fabricius,1787; #albosparsa Oberthür,1910; anatolicus De Lattin,1950.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 13 15 16 17 18 19 21 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 63 65 66 68 69 70 71 73 74 75 76 78 80 01D 01H 01K 01G 03D 03E 04H 04I 05A 06B 06C 06K 06N 06R 06Rd 06V 07A 07B 07Bc 07G 13C 13Cf 21N 21Nb 24D 27E 29F 30D 30Df 30Du 31F 32A 32Ab 32I 32D 33E 33F 33G 33R 33Rb 33K 33O 33P 33R 33Rb 36D 36Dd 36Df 36F 36H 38C 38Ca 42D 42Dc 42E 44E 44L 44Lc 46F 49F 49Fe 56B 58G 58G 58Ga 58Gi 58Gg 62E 62G 63E 65A 65Ai 65Am 65Am1 65D 65Df 65Dg 65Dw 65Dö 65E 65F 65Fc 65Fp 65Fz 65G 65Gb 65K 65Km 65Z 73C 73Cd 75F 75Fa 76B 76C 76D 76Dc 78D 78Da 80B 80Bc 80Bd 80G.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

65) **Turanana endymion (Freyer,1850])**
Synonym(s): *endymion Freyer,[1850]; #panagaea Herrich-Schäffer,[1851]; endymion Gerhard,[1851]; panagaea Herrich-Schäffer,[1852].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 42 44 46 47 50 51 52 55 56 58 60 62 65 66 69 70 71 72 73 76 80 02Fz 04D 04Db 05A 06C 06K 06R 06V 06Z 07A 07Al 13C 13Cd 13E 13Ea 13G 13Gç 13Gv 13Gw 13Gz 30B 30Bc2 30Bx 30Br 30D 30Df 31F 31Fb 32A 32Ab 32D 32I 33R 33Rb 35S 35Sb 36F 36Fb 38C 38Ca 42H 42V 44E 44L 44Lc 46F 46G 46Gi 46H 46Hc 55H 56F 58G 58Gi 65A 65Ai 65Am 65Am2 65Am3 65Am4 65B 65Bk 65Bx 65D 65Dç 65Dd 65Dda 65Df 65Dm 65Do 65Dw 65G 65Ge 65Gd 65Gt 65F 65Fç 65Fe 65Fg 65Fı 65Fj 65Fq 65Fw 65Fz 65K 65Kc 65Z 65Kz 65Kğ 65N 65Nr4 65Nm 66A 66P 66Pa 72E 72Ec 72Ej 72Ek 73C 73Cd 80B 80Bc.
Material examined: 2♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

**Papilionidae**

66) **Iphiclides podalirius (Linnaeus,1758)** **(Fig.11)**

Synonym(s): *podalirius Linnaeus,1758; sinon Poda,1761; flammeus Fourcroy,1785; brassicae Fabricius,1807; inalpinus Verity,1911; valesiaca Verity,1911; zanclaeides Verity,1911; pseudopersica Rocci,1926.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81 02Ff 02Fz 02H 04D 04Db 05A 06A 06B 06F 06G 06K 06N 06P 06R 06Rd 06V 06Z 07A 07Ac 09K 09Ka 13C 13Cd 13F 13F35 13G 13Gü 13Gy 13Gw 14I 14Ia 21N 23D 23Da 23I 23Ib 23M 24E 24Ea 25F 25Fa 27C 30A 30B 30Bc2 30Bx 30Bo 30Br 30D 30Df 30Dt 31A 31Aa 31M 31F 31Fb 31L 31La 33K 33Kd 33R 33Rb 33Rg 36F 36Fb 39C 40D 43G 44E 44F 44Fb 44L 44O 45L 45La 48A 48Aa 48D 48F 49E 49Ea 49F 49Fe 56F 56Fb 56Fe 56Fh 56Fj 56Fy 58G 58Gi 65A 65Ai 65D 65Dc 65Dç 65Dd 65Dda 65Dj 65Di 65Dl 65Dk 65Do 65Dr 65Drb 65Drc 65Dv 65F 65Fd 65Fq 65F3 65Fz 65K 65Kğ 66A 73A 73Ad 73Ad2 73Ak 75F 76B 76Bb 78D 78Da.
Material examined: Observed and photographed in the Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♀. Yazıören 1450m, 04 06 2021; 1♂. Mercan valley, Şahverdi 1513m, 05 06 2021.
Remark: This species is well represented in the region.

67) **Papilio (s.str.) machaon Linnaeus,1758**
Synonym(s): *machaon Linnaeus,1758; reginae Retzius,1783; umbellatarum Fabricius,1807; aurantiaca Speyer,1858.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 08 09 1011 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 75 76 77 78 80 02E 02F 05A 06B 06C 06K 06N 06R 06Rd 06S 06V 06Z 07B 07Bb 13A 13Aa 13Ab 13Ac 13Ac1 13Ax 13B 13Bb 13G 13Gk 13Go 13Gç 13Gv 13Gw 18F 23I 23Ia 24E 24Ea 27C 30B 30Bb 30Bc2 30Bx 30Bk 30Br 30D 30Df 30Du 30Dt 31A 31Aa 31F 31K 31Ka 31M 33A 33K 33R 33Rb 33Rg 39C 43G 44L 44Lc 46F 46Fc 48A 48Aa 48Ak 48D 48F 48L 56F 56Fg 56Fs 63D 63E 65A 65Am 65Am2 65Aç 65B 65Bk 65Bx 65D 65Dc 65Dç 65Dè 65Dk 65Do 65Drd 65Dw 65G 65Gb 65Ge 65Gm 65Gs 65F 65Fç 65Fe 65Fs 65Fp 65Fü 65Fw 65Fz 65K 65Kğ 65Kr 65Z 65Kş 65L 65Le 65N 65Nç 65Np 65Nm 66A 73A 73Ab 73C 73Cd 75F 75Fc 76B 76Bb 76D 76Da 76Dd 76Dg 78D 78Da 80B 80Bc 80E 80Ea.
Material examined: Observed in the Gözeler (Yılanlıköy) 1400m, 03 06 2021.

68) **Parnassius (Driopa) mnemosyne (Linnaeus,1758)**
Synonym(s): *mnemosyne Linnaeus,1758.*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 12 13 14 16 18 24 25 26 27 29 30 31 32 33 35 36 37 39 42 46 48 49 51 52 53 58 60 61 62 65 66 67 69 73 74 76 78 80 01K 05A 06R 07A 07Ac 07D 07Db 12A 12Ab 13E 13Ea 13F 13G 13Ga 13Gö 13Gğ 13Gv 13Gü 13Gw 14I 14Ib 25F 25Fc 30B 30Bb 30Bc3 30Bx 30Bj 30Bk 30Bl 30Bp 30D 30Da 30Df 30Dh 30Dt 31F 31Fb 31M 33K 33R 33Rb 46F 46Fc 46Fg 49E 49Ea 49F 49Fb 56D 56Dğ 56F 56Fc 56F1 62G 65A 65Ai 65Ap 65As 65Aç 65B 65Bk 65Bx 65D 65Dç 65Dd 65Dè 65Dl 65Dlc 65Dk 65Dn 65Dm 65Dq 65Dü 65Dn 65Dt 65F 65Fb 65Fç 65Fp 65Fe 65Fm 65Fw 65Fz 65G 65Ge 65K 65Kb 65Kl 65Z 65Kö 66A 73A 73Ac 73Ae 73Ağ 80B 80Bc.
Material examined: 1♀. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 03 06 2021.

69) **Parnassius (s.str.) apollo (Linnaeus,1758) (Fig.10)**
Synonym(s): *apollo Linnaeus,1758.*

Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 13 14 16 18 24 25 27 29 30 32 33 35 36 37 38 42 44 46 51 57 58 60 61 62 65 67 69 74 75 76 78 01K 01L 01La 04D 04Db 05A 06R 13G 13Gv 14I 14Ib 25F 25Fa 25Fb 25Fc 25C 25Ca 25F 29C 29F 30B 30Bk 30Bb 30Bm 30D 30Dm 30Du 32A 32Ab 35S 35Sb 36D 61P 65B 65Bn 75D 75F 75Fc 75Fj 76C.
Remark: Observed and photographed by Akın Gedik, in the Ovacık, Munzur mountains 1500m, 13 07 2008.

70) **Zerynthia (Allancastria) deyrollei (Oberthür,1869)**
Synonym(s): *deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905; #ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908; #separata Sheljuzhko,1927.*
Provincial Distribution in Turkey (as codes): 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80 01H 01K 02F 02Fc 02Fe 02Ff 03A 03D 03N 05A 06A 06B 06D 06G 06H 06K 06P 06R 06Rd 06S 06V 06Z 07A 07Ad 07Ak 13B 13Ba 13F 13F35 13G 13Ga 19C 19D 21L 21Le 21Lf 21Ld 21N 21Nb 23I 23Ib 23E 23M 25F 25Fa 27B 27C 27Cb 29A 29F 30B 30Bc 30D 30Df 30Dh 30Dt 30Dx 31A 31Aa 31B 31K 31Ka 31L 31La 32A 32C 32D 32E 32I 33E 33R 33Rg 37Y 38B 38C 38Cb 38L 42B 42D 42D 42Db 42Dc 42E 42I 42R 42X 42Xa 43K 44A 44Aa 44E 44Ej 44L 44Lb 44Lc 46F 46Fc 46K 47D 47E 47F 47H 49E 49Ea 49Ec 49Ef 49F 49Fd 49Fe 50G 50Ga 51D 51Da 51Dc 56F 56Fa 56Fı 56Fg 56Fh 56Fy 58C 58E 58G 58Ga 58Gi 60H 60Hb 62E 62F 62H 63D 63N 63Na 64F 65A 65Ai 65Am 65Am1 65Am3 65Ao 65At 65At1 65At2 65D 65Dk 65Dl 65Dm 65Dn 65Dr 65Drb 65Dp 65F 65Fe 65Fb 65Fd 65Ff 65Fg 65Fh 65Fi 65Fk 65Fl 65Fq 65Fm 65K 65Ka 65Kd 65Kl 65Z 65Kö 65L 65Le 65N 65Nc 65Np 65Np2 65Nm 66A 66P 68B 70C 70Cd 73A 73Ab 73Ae 73Ak 73C 73Cd 73D 73Da 73Db 73E 73H 79B 79Ba 80A 80B 80Bc 80C.
Material examined: Observed some larvae on the *Aristolochia bottae* in the Yazıören 1450m, 04 06 2021.
Remark: This species was recorded in 1972-3 by Koçak in the district (Cesa-Infosystem,2021).

**Pieridae**

71) **Aporia (s.str.) crataegi (Linnaeus,1758) (Fig.9)**
Synonym(s): *crataegi Linnaeus,1758; nigronervosus Retzius,1783; minor Verity,1907; basanius Fruhstorfer,1910; crataegiaugusta Verity,1937.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 75 76 78 80 81 02E 04D 04Db 05A 06A 06B 06C 06G 06K 06P 06R 06Rd 06V 07A 07Ac 12A 12Ab 13A 13Ae 13Af 13Ax 13C 13Cd 13E 13Ea 13F 13G 13Ga 13Gb 13Gç 13Gv 13Gü 13Gy 13Gw 21N 21Nb 21O 23E 23I 23Ia 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bc 30Bx 30Bk 30Bo 30C 30Cd 30D 30Df 30Dt 31A 31E 31F 31Fb 31L 33A 33R 33Rb 36D 36Db 38H 38Hc 44A 44Aa 44E 44Ei 44L 44Lc 47F 49E 49Ea 49F 49Fd 56F 56Fc 56Fn 65A 65Ai 65Am 65Am2 65D 65Dç 65Dd 65Dda 65Do 65Dn 65Dt 65Dn 65Dl 65Dlc 65Dq 65F 65Fb 65Fd 65Fh 65F2 65Fz 65K 65Kl 65Z 66A 72E 72Eb 72Eh 72Ei 73A 73Aç 73Aç1 75F 75Fc 76C 78D 78Da.
Material examined: Observed in the Gözeler (Yılanlıköy) 1400m, 03 06 2021; Bozkıra 1714m, 03 06 2021 and Mercan valley, Şahverdi 1513m, 04 06 2021.

Remark: This species is very well represented in the region.

72) **Colias (Eriocolias) crocea (Fourcroy,1785)**
Synonym(s): *crocea Fourcroy,1785; pyrenaica Groum-Grshimailo,1893.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81 02A 02E 02Fz 02Ff 02G 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06P 06R 06Rb 06Rd 06V 06Z 12A 12Ab 12Ai 12E 12Eb 13A 13Ab 13Ac 13Ac1 13Ac2 13Ae 13Af 13Ag 13Ah 13Ai 13Ax 13B 13Ba 13Bg 13C 13Cd 13D 13Da 13E 13Ea 13F 13G 13Ga 13Gö 13Gğ 13Gk 13Gs 13Gü 13Gv 13Gy 13Gw 13Gz 21L 21Le 21Ld 21La 21N 21Nb 21Nh 21O 23I 23Ib 23E 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 27D 27Db 30B 30Bb 30Bc 30Bk 30Br 30Bt1 30D 30Df 31A 31Aa 31F 31Fb 31K 31Ka 31L 31La 33A 33Ai 33C 33K 33O 33R 33Rb 33Rg 35T 35Tc 36D 36Db 36F 36Fb 38H 38Hc 39C 44A 44Aa 44Ab 44E 44Ei 44F 44Fb 44L 44Lc 45L 45La 46F 46Fc 46Fe 47E 47F 48A 48Aa 48Ak 48F 49E 49Ea 49F 49Fb 49Fe 49Ff 56D 56Dc 56Dh 56Dğ 56F 58G 58Ga 58Gd 58Gi 58Gk 58R 58Rb 65B 63Ba 63D 63E 65A 65Ac 65Ac2 65Ai 65Ag 65Am 65Am1 65Am3 65As 65At 65Aç 65Au 65B 65Bc 65Bi 65Bk 65Bn 65Bn1 65Bo 65Bx 65C 65D 65Da 65Dc 65Dç 65Dç1 65Dd 65Dda 65Df 65Dk 65Dl 65Dlc 65Dn 65Do 65Dr 65Drb 65Dt 65Dv 65E 65Eb 65Ec 65Eç 65F 65Fb 65Fc 65Fç 65Fd 65Fe 65Fg 65Fh 65Fı 65Fj 65Fm 65Ft 65Fx 65Fy 65Fw 65Fz 65G 65Ga 65Gf 65Gy 65Gg 65Gi 65Gl 65Gn 65Go 65Gs 65I 65K 65Kl 65Ka 65Z 65Kş 65Ku 65Kz 65Kğ 65Kw 65Ky 65Ky1 65L 65Le 65M 65Mb 65Mc 65Md 65N 65Nb 65Nc 65Nç 65Nk 65Np 65Np1 65Np5 65Np7 65Nr6 65Nr7 65Nş 65Ns1 65Nj 65Nm 70C 70Cb 72E 72Eb 72Eg 72Ei 73A 73Ad 73Ad2 73D 73Da 73Db 73Df 73H 75F 75Fi 76A 76Ab 76Ac 76B 76Ba 76E 76Ea 80E 80Ea**.**
Material examined: 1♂1♀. Ovacık NE., Mercan valley, Yaziören 1450m, 04 06 2021.

73) **Colias (s.str.) alfacariensis Ribbe,1905**
Synonym(s): *alfacariensis Ribbe,1905.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 11 13 14 15 16 18 19 20 21 24 25 26 29 32 33 34 35 36 37 38 41 42 43 44 46 48 49 50 51 52 53 58 60 61 62 65 66 67 69 70 71 73 74 76 78 80 04D 04Db 05A 06B 06C 06G 06H 06K 06N 06R 06Rb 06Rd 06V 06Z 13G 14I 14Ib 21N 21Nb 25F 25Fa 25Fb 25Fc 38H 38Hc 44E 46F 46Fc 49E 49Ea 49Ef 58G 58Gi 58R 58Rb 65K 65L 66A 73C 73Cd 76C 78D 78Da**.**
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

74) **Pieris (Artogeia) bryoniae (Hübner,[1804])**
Synonym(s): *bryoniae Hübner,[1804]; neobryoniae Miller,1933; wolfsbergeri Eitschberger,[1984]; debrosi Eitschberger,[1984] (cf. Leraut,1997).*
Provincial Distribution in Turkey (as codes): Cc AM At AT BG BY CH CZ DE DsA FR HU HV IT Kb KG PL RO RU Sau SK SS Tar Teb TR IR Zj UA T-S Ab 08 14 16 18 24 25 29 30 37 53 61 14I 14Ib 30B 30Bb 30Bk 30D 30Df.
Material examined: 1♂ (GP3325). Munzur valley 1110m, 02 06 2021.
First record for the fauna of Tunceli Province.

75) **Pieris (Artogeia) ergane (Geyer,[1828])**
Synonym(s): *ergane Geyer,[1828]; narcaea Freyer,[1828].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76 02E 02Fz 04D 04Db 05A 06M 06R 06Rd 06Z 07D 07Db 13A 13Ab 13Ac 13Ac2 13Ac3 13Ax 13F 13F35 13G 13Gç 13Gö 13Gğ 13Gv 13Gü 13Gw 21O 23D

23Dc 23I 25F 25Fa 25Fb 25Fc 27D 27Dd 30B 30Bc2 30Bx 30Bk 30Bb 30Br 30D 30Df 30Dt 31B 31K 31Ka 33R 33Rg 36F 36Fb 44F 44Fb 44L 44Lc 46F 46G 46Gf 49E 49Ea 49F 49Fb 56F 58G 58Gj 58Gi 58Gk 63B 63Ba 63D 65A 65Ac 65Ac2 65Ac4 65Ai 65Am 65Am1 65Am2 65Am3 65Am4 65Ar 65As 65At 65B 65Bn 65Bn1 65Bk 65Bo 65Bx 65D 65Da 65Dc 65Dç 65Dd 65Dda 65Df 65Dh 65Dk 65Dl 65Dlc 65Do 65Dp 65E 65Eb 65Eç 65F 65Fç 65Fd 65Fe 65Fg 65Fh 65Fj 65Fı 65Fm 65Fq 65Fr 65Fs 65Ft 65Fu 65F3 65Fw 65Fz 65G 65Gf 65Gg 65Gy 65Gh 65Gi 65Gl 65Go 65Gp 65K 65Kb 65Kğ 65Kc 65Kl 65Z 65Km 65Kq 65Kö 65Kü 65Kw 65N 65Np 65Nm 66A 73A 73Ad 73Ad2 76C 76D 76Da 76Dg.
Material examined: 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

76) **Pieris (Artogeia) rapae (Linnaeus,1758)**
Synonym(s): *rapae Linnaeus,1758; nelo Bergsträßer,1780; metra Stephens,1827; alpica Rossi,1929.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80 02E 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 07A 07Ad 07B 07Bb 07M 07Mb 13F 13F35 13G 13Gç 13Gs 13Gü 13Gy 13Gw 21L 21Lf 21N 21Nb 21Nh 23C 23Cc 23D 23Dc 23I 23M 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bb 30Bc 30Bk 30D 30Dt 31A 31Aa 31F 31K 31Ka 31L 31La 31O 33A 33Ai 33C 33K 33O 36D 36Db 36F 36Fb 39C 42D 42Dc 44F 44Fb 44L 44Lc 44O 44Oi 45L 45La 46F 48A 48Aa 48Ak 48Ab 48D 48F 49E 49Ea 49F 49Fb 56F 58G 58Gk 58Gj 58Gi 63B 63Ba 63D 63E 65A 65Ar 65B 65Bk 65Bx 65D 65Dk 65Do 65G 65Ge 65Gt 65H 65He 65E 65Eb 65F 65Fd 65Fh 65Fg 65Fn 65Fr 65K 65Kb 65Kl 65Z 65Ku 65M 65Md 65N 65Nc 66A 73A 73Ad 73Ak 73D 73Da 73Df 75F 75Fi 76B 76Bb 76Bf 76Bh 76C 76D 76Da 76E 76Ea 78D 78Da.
Material examined: 2♂. Mercan valley 1513m, 04 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

77) **Pieris (Artogeia) krueperi Staudinger,1860**
Synonym(s): *krueperi Staudinger,1860*.
Provincial Distribution in Turkey (as codes): 01 02 07 08 09 10 13 16 17 21 25 30 32 33 35 36 39 42 45 46 48 51 56 58 62 65 70 72 73 76 80 13F 13G 13Gw 21N 21Nb 25F 25Fa 25Fb 30B 30Bc2 30Bx 30Br 30D 30Df 30Dt 33K 33R 36F 36Fb 39C 46G 46Gf 48D 56F 58G 58Ga 58Gi 65A 65Ac 65Ac4 65Am 65Am2 65Am3 65D 65Dc 65Dç 65Do 65Dd 65Dda 65Dp 65E 65Ea 65F 65Fç 65Fz 65K 65Kö 65Z 70B 72E 72Eg 72Eh 73A 73Ad 73Ad2 76B 76Bf 76Bh 80B 80Bc.
Material examined: 1♂. Mercan valley, Şahverdi 1513m, 04 06 2021.

78) **Pontia callidice (Hübner,[1800])**
Synonym(s): *callidice Hübner,[1800]; callidice Esper,[1803].*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 13 16 24 25 29 30 32 38 42 44 46 48 51 53 58 60 62 65 69 70 73 76 05A 06B 13G 13Gv 13Gw 30B 30Bk 30Bb 42B 42Bb 44E 51B 51Ba 62E 62G 65Bx 65D 65F 65Fö 65Fs 65Fü 65Fw 65Fz 65G 65Ge 65K 65Kr 65Kq 65Z 69B 69Ba 70A 76C.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

79) **Pontia edusa (Fabricius,1777)**
Synonym(s): *edusa Fabricius,1777; bellidice Ochsenheimer,1808; persica Bienert,1869; #nitida Verity,[1908].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 75 76 77 78 79 80 81 02E 02Fz 02G 04D 04Db 05A 06B 06D 06H 06K 06N 06P 06R 06Rd 06V 06Z 13A 13Ab 13Ac 13Ac2 13Ac3 13Ae 13Af 13Ag 13Ah 13Ax 13B 13Bg 13C 13Cd 13F 13F33 13G 13Gö 13Gğ 13Gv 13Gw 18F 21N 21Nb 21O 23C 23Cc 23D 23Dc 23I 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 27D 27Db 27Dd 30B 30Bc 30Bk 30Bb 30Br 30Bt1 30D 30Df 30Dt 30Du 31A 31Aa 31B 31F 33A 33C 33K 33O 33R 33Rb 33Rg 33Rd 36F 36Fb 39C 44E 44Ei 44F 44Fb 44I 44L 44Lb 44Lc 46D 46Da 46F 46G 46Gg 47F 48A 48Aa 48Ak 48Ah 48F 49E 49Ea 49F 49Fb 56F 58G 58Ga 58Gd 58Gj 58Gi 58R 58Rb 63B 63Ba 63D 63E 65A 65At 65Au 65B 65Bk 65Bn 65Bn1 65Bo 65Bx 65D 65Dc 65Dd 65Dda 65Df 65Dl 65Dlc 65Do 65Dp 65Dq 65Dr 65Drb 65E 65Eb 65Ec 65Eç 65F 65Fb 65Fç 65Fe 65Fh 65Fg 65Fn 65Fp 65Fr 65Ft 65Fu 65Fy 65Fw 65Fz 65F3 65G 65Gb 65Gf 65Gy 65Gm 65Gn 65Go 65Gp 65Gs 65K 65Ka 65Kb 65Kğ 65Kç 65Kl 65Z 65Ks 65Kp 65Ku 65Kw 65Ky1 65L 65Le 65M 65Mb 65Mc 65Md 65N 65Nk 65No 65Np 65Np1 65Nş 65Nm 66A 73A 73Ad 73D 73Df 73H 75F 75Fc 76A 76Ac 76B 76Ba 76Bb 76C 76D 76Da 76Db 76E 76Ea 78D 78Da 80B 80Bc**.**
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021.

**Satyridae**

80) **Brintesia circe (Fabricius,1775)**
Synonym(s): *circe Fabricius,1775; proserpina Denis & Schiffermüller,1775; maga Fruhstorfer,1909; venefica Fruhstorfer,1909; gabalae Gaillard,1959; maladettae Varin,1962.*
Provincial Distribution in Turkey (as codes): 01 03 05 06 07 08 10 11 13 15 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 42 43 45 46 47 48 51 53 56 58 60 62 64 65 67 70 71 72 73 76 78 01K 05A 06B 06D 06N 06R 06Rd 06V 06Z 07A 07Ah 07B 13F 21L 21Lf 21N 21Nb 24E 24Ea 27C 27Cb 29A 29Ae 31F 33R 33Rb 36F 36Fb 39C 44F 44Fb 45L 45La 46F 46G 46Gf 56F 58R 58Rb 65A 65Ai 65Am 65Am2 65K 65Kğ 72E 72Ec 78D 78Da 79B 80A 80B 80Bd 80C 80E 80Ea.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

81) **Chazara (s.str.) briseis (Linnaeus,1764)**
Synonym(s): *briseis Linnaeus,1764; daedale Bergsträßer,1780; bataia Fruhstorfer,1909; interjecta Verity,1916; variabilis Varin,1958; pictonica Varin,1958.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80 01A 01H 01K 02A 02B 02F 02Ff 02Fz 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06N 06Z 12A 12Ab 12E 12Eb 13A 13Ab 13Ax 13F 13G 13Gv 13Gü 13Gw 21N 21Nb 21P 21K 27D 27E 30B 30Bc 30Br 30D 30Df 31A 33R 33Rb 34C 36F 36Fb 44F 44Fb 44L 44Lc 44O 44Od 44Oi 46D 46F 46Ff 46G 46Gf 49E 49Ea 49F 49Fe 56F 58G 58Gg 58Gj 58Gk 58R 58Rb 65A 65Ai 65At 65At1 65At4 65B 65Bk 65Bo 65Bx 65D 65Dç 65E 65Eb 65F 65Fc 65Fd 65Fe 65Fg 65F1 65Fj 65Fç 65Ft 65Fx 65Fz 65K 65Kb 65G 65Ga 65Gb 65Gm 65Gn 65Go 65Gp 65Gq 65Gs 65K 65Kc 65Kl 65Z 65Kr 65Kş 65Ku 65Kü 65Ky1

65N 65Nb 65Np2 65Np3 65Np4 65Np5 65Nr2 65Nr3 65Nr4 65Nr6 65Nm 66A 70C 70Cb 73A 73Ad 73Ad2 76C 76D 76Da 76Dg 78D 78Da 80B 80Bc 80Bd.
Material examined: Observed and photographed in the Gözeler (Yılanlıköy) 1400m, 03 and 26 vi 2021.

82) **Coenonympha (s.str.) pamphilus (Linnaeus,1758)**
(Satyridae) Synonym(s): *pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926; posteuxina Verity,1926; londonii Verity,1926; neolyllus De Lattin,1950*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 01G 01H 01K 05A 06A 06B 06C 06D 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 12Ai 12B 12E 12Eb 13A 13Ab 13Ae 13Ax 13B 13Ba 13Bg 13C 13Cf 13D 13Da 13F 13G 13Ga 13Gö 13Gğ 13Gv 13Gw 14I 14Ib 21L 21Le 21Lf 21Ld 21N 21Nb 21Nh 21O 23D 23Dc 23I 23Ia 23Ib 23E 25F 25Fa 25Fb 25Fc 30A 30Ab 30B 30Bb 30Bc 30Bk 30D 30Da 30Df 33K 36D 36Db 36F 36Fb 38H 38Hc 39C 44A 44Aa 44L 44Lb 44Lc 44O 44Oi 46F 46Fc 46Fd 46Ff 46G 46Gf 48D 48F 49E 49Ea 49F 49Fb 49Fe 49Ff 56B 56F 58C 58G 58Gd 58Gi 58K 58N 58R 58Rb 62D 62H 62G 62Ga 62F 65A 65Ai 65Ag 65Am 65Am1 65As 65B 65Bn 65Bn1 65Bo 65Bx 65D 65Dc 65Df 65Dk 65Dl 65Dq 65Dn 65Dm 65Do 65Dr 65Dt 65E 65Eb 65Ec 65Eç 65Ed 65F 65Fb 65Fç 65Fd 65Fe 65Fg 65Fh 65Fı 65Fj 65Fq 65Ft 65Fz 65G 65Ga 65Gb 65Gd 65Gf 65Gy 65Gz 65K 65Kğ 65Kl 65Z 65Ks 65Kş 65Ky 65Ky1 65Kw 65L 65Le 65M 65Md 65N 65Nc 65Nl 65Np 65Nr2 65Nr6 65Nş 65Nm 66A 66P 66Pa 72F 76B 76Bf 76Bh 78D 78Da 80B 80Bc
Material examined: 1♀. Mercan valley, Yaziören 1450m, 04 06 2021.

83) **Coenonympha (s.str.) saadi (Kollar,[1849])**
Synonym(s): *saadi Kollar,[1849]; iphias Eversmann,1851.*
Provincial Distribution in Turkey (as codes): 02 12 13 21 23 25 27 30 44 46 47 56 58 62 63 65 72 73 76 02E 02Ff 02Fz 12A 12Ab 12B 13C 13Cf 13E 13Ea 13F 13G 13Gv 21K 21L 21Lf 21N 21Nb 21O 21P 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23M 30A 30Ab 30B 30Bc 30Bf 30Bg 30Bo 30Br 30Bt1 30D 30Da 44A 44Aa 44Ac 44E 44L 46G 46Gi 47D 47F 47H 56A 56B 56F 58G 58Ga 58Gi 62D 62E 62F 62H 63E 63M 65A 65Ai 65D 65Dc 65Dç1 65Dd 65Dda 65Dk 65Dl 65Dlc 65Do 65Doa 65Dn 65Fz 72E 72Eb 72Ec 72Ed 72Ef 72Ek 72F 73A 73Ac 73Ae 73C 73Cd 73Ce 73D 73Df 76B.
Remark: This species was recorded in 1972 by Koçak in the district (Cesa-Infosystem,2021).

84) **Esperarge (s.str.) clymene (Fabricius,1787)**
Synonym(s): *#climene Esper,[1783]; clymene Fabricius,1787; boroeas Latreille,1803; synclimene Hübner,[1819].*
Provincial Distribution in Turkey (as codes): 04 05 06 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76 04D 04H 04Ha 05A 06D 13A 13Aç 13Af 13Ag 13Ah 13Ax 13D 13Da 13E 13Ea 13F 13F7 13F71 13G 13Ga 13Gv 13Gw 24E 24Ea 25F 25Fa 25Fc 30B 30Bc 30Be 30D 30Dç 36D 36F 36Fb 44L 44Lc 46F 46Ff 49E 49Ea 49Ec 49Ef 49F 49Fe 56F 65A 65Ad 65D 65Dc 65Dg 65Dl 65Dlc 65E 65Eb 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fı 65Fl 65Fm 65Fu 65Fü 65Fz 65G 65Gl 65Gp 65K 65Kb 65Kc 65Kd 65Kğ 65Kz 65Kl 65Z 65Kö 65Kü 65L 65Le 65N 65Np 65Nr2 65Nr3 65Nr6 65Nm 66A 76C 76D 76Dj.

Material examined: 1♂. Mercan valley, Yaziören, 1450m, 04 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

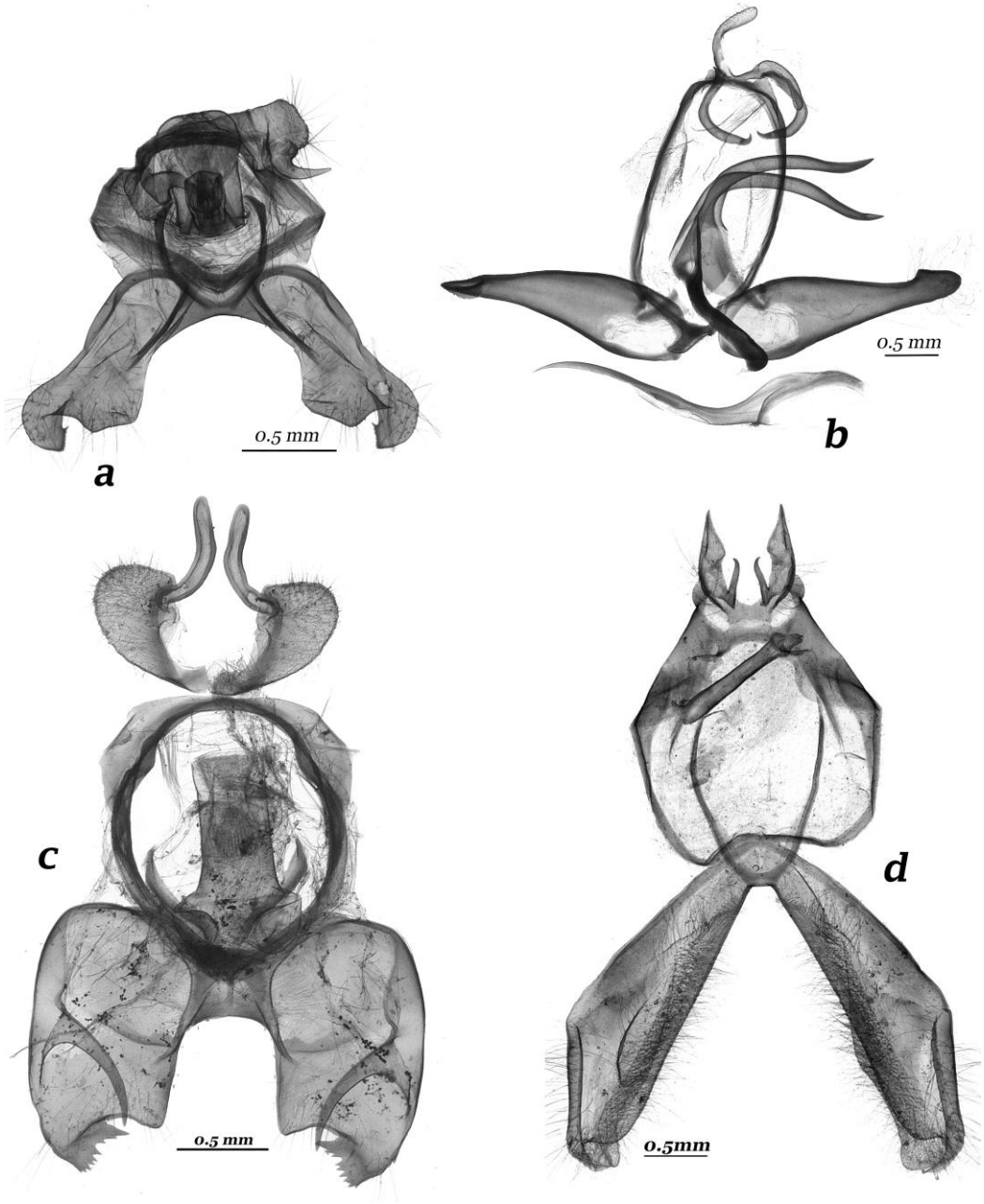
85) **Hyponephele (s.str.) lupina (Costa,[1836])**
Synonym(s): *lupina Costa,[1836].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 78 80 02A 02E 02F 02Ff 02Fz 04D 04Db 05A 06B 06C 06D 06H 06K 06R 06Rd 06V 13A 13Ab 13Ac 13Ad 13Ae 13Af 13Ax 13D 13Da 13G 13Ga 13Gv 13Gw 21K 21L 21Le 21N 21Nb 21O 21P 25F 25Fa 27C 27Cb 30D 30Df 31M 36F 36Fb 44F 44Fb 44L 44Lc 44O 44Oi 45L 45La 46F 46G 46Gi 46K 46Ka 48A 48Ab 48Ad 48Ah 48Ae 56F 58R 58Rb 63D 65Bx 65D 65Dc 65Df 65Dg 65Do 65E 65Eb 65G 65Ga 65Gb 65Gd 65Ge 65Gn 65Go 65Gp 65Gs 65F 65Fb 65Fç 65Fe 65Fg 65Fh 65Fj 65Fı 65Fl 65Fr 65Fq 65Fu 65Fü 65Ft 65Fx 65Fz 65G 65Ge 65K 65Kğ 65Kl 65Z 65Kö 65Kş 65Kü 65Ké**.**
Material examined: 1♂. Mercan valley, 1500m, 04 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021.

86) **Hyponephele (s.str. (Turaninephele)) wagneri (Herrich-Schäffer,[1846])**
Synonym(s): *wagneri Herrich-Schäffer,[1846]; schmidti Bang-Haas,1927.* Provincial Distribution in Turkey (as codes): 01 02 07 12 13 21 23 24 27 30 33 44 47 48 50 56 58 62 63 65 70 72 73 01H 02C 02E 02Ff 02Fz 02H 12B 13C 13Cf 13E 13Ea 21O 21P 23C 23Cc 23D 23Dc 23I 23Ia 23M 30D 30Df 33A 33Af 44E 44L 44Lb 47L 47La 47F 56F 58G 58Ga 58Gi 62G 62Ga 62F 62E 63B 63G 63M 65D 65Do 70C 70Cc 72E 72Eb 72Ed 72Ef 72Eg.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

87) **Melanargia (Turcargia) hylata (Ménétriés,1832)**
Synonym(s): *hylata Ménétriés,1832.*
Provincial Distribution in Turkey (as codes): 04 13 21 30 65 13A 13Ab 13Ac 13Ae 13Af 13Ag 13Ah 13Ax 13F 13G 13Gç 13Gv 13Gw 30B 30Bc 65A 65Ai 65B 65Bb 65Bc 65Bk 65Bo 65Bx 65D 65Dc 65Dd 65Df 65Dg 65Do 65E 65Ea 65F 65Fç 65Fe 65Fg 65Fl 65Ft 65Fz 65G 65Gb 65K 65Kb 65Kc 65Ké 65Kl 65Kr 65Z 65Kö 65Kü 65Kz 65Kğ 65G 65Gf 65Gy 65Gm 65Gl 65L 65Le 65N 65Nj 65Np 65Np1 65Np2 65Np3 65Np4 65Nr3 65Nr2 65Nr6 65Ns 65Nm.
Material examined: 2♂1♀. Gözeler (Yılanlıköy) 1400m, 26-27 06 2021.
Remark: This species is well represented in the region.

88) **Pseudochazara (s.str.) mamurra (Herrich-Schäffer,[1846])**
Synonym(s): *mamurra Herrich-Schäffer,[1846]; sintenisi Staudinger,[1896].*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 07 08 13 15 24 25 28 29 30 32 33 36 38 42 44 46 51 58 60 62 65 66 69 70 73 76 01K 02Fz 05A 07A 07Af 13A 13Ab 13Ax 13G 13Gv 25Ç 25Ça 25F 25Fa 25Fb 25Fc 33O 33R 33Rd 36F 36Fb 38H 38Hc 42B 44E 51B 58G 58Gg 58Gh 58Gi 65Bx 65D 65Dc 65F 65Fç 65Fe 65Fp 65Fz 65G 65Gd 65Ge 65K 65Kğ 66A 70C 76C 76D 76Da**.**
Material examined: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

89) **Pseudochazara (s.str.) pelopea (Klug,1832)**
Synonym(s): *pelopea Klug,1832.*




**Figs.15a-d:** Some male genitalia from Lycaenidae, a. *Ruprapterus bavius* ssp. *masal* (GP226♂, holotype), b. *Lycaena (Thersamonia) thetis* (GP237♂), c. *Glaucopsyche (Iolana) lessei* (GP267♂), d. *Polyommatus (s.str. (Lysandra)) corydonius* (GP405♂), The genital dissections was prepared by Koçak, in the years 1973-1974.

Provincial Distribution in Turkey (as codes): 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76 80 01K 02A 02B 02C 02E 02F 02Ff 02Fz 13A 13Ab 13Ae 13Ax 13F 13G 13Ga 13Gv 13Gw 21K 23C 23Cc 23I 23Ia 23Ib 23M 30B 30Bc 30Br 30D 30Df 44L 44Lc 44O 44Oi 46D 46F 46Ff 49A 49Aa 49E 49Ea 49Ef 56F 65A 65Ac 65Ac2 65Ai 65Am 65Am3 65B 65Bk 65Bx 65D 65Dc 65Do 65E 65Eb 65F 65Fç 65Fc 65Fd 65Fe 65Fg 65Fh 65Fj 65Fq 65Fx 65Fz 65G 65Ga 65Gb 65Gc 65Gd 65Ge 65Gf 65Gy 65Gn 65Go 65Gp 65K 65Kb 65Kc 65Kl 65Z 65Km 65Kö 65Kş 65Ku 65Kü 65Kz 65Kğ 65Kw 65N 65Np 65Np2 65Np3 65Np4 65Np5 65Np7 65Np8 65Nr2 65Nr3 65Nr6 65Nm 65Ns 72E 72Eg 72Ek 73A 73Ad 73Ad2 73C 76B 76Ba 76C 76D 76Da 80B 80Bc

Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021; 1♂. Havuzlu 1450m, 05 06 2021.

90) **Satyrus (Asatyrus (s.str.)) amasinus Staudinger,1861**
Synonym(s): *bryce Herrich-Schäffer,[1852] nec Hübn.,[1800]; amasinus Staudinger,1861.*
Provincial Distribution in Turkey (as codes): 02 03 05 06 08 14 23 24 25 29 35 36 38 42 44 46 50 58 60 62 69 70 71 76 02Fz 05A 06C 06K 23D 23Dc 24E 24Ea 25F 25Fa 25Fc 44L 44Lc 46F 46Fj.
Material examined: 1♂. Gözeler (Yılanlıköy) 1530m, 03 06 2021; 1♂1♀. Mercan valley 1700-1850m, 27 06 2021.

## List of the moths species of Ovacık District

### Arctiidae

91) **Arctia (Epicallia) villica (Linnaeus,1758)**
Synonym(s): *villica Linnaeus,1758; corsica Oberthür,1911; niceensis Oberthür,1911; brittanica Oberthür,1911; meridionalis Heinrich,1923.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 10 13 14 15 16 17 19 21 22 23 26 27 29 31 32 33 34 36 37 39 42 44 46 48 55 56 60 61 62 64 66 71 75 80 03C 03Ca 05A 05G 06B 06R 06Ra 06Rk 07B 07C 10D 10N 13C 13F 14I 14Ib 15C 16A 17E 17H 17M 19G 21N 21Nb 23M 26G 27D 31K 31Ka3 31Ka5 31Ka7 31M 33A 33Aa 33E 33P 34B 34S 36D 36De 37P 39H 42B 42D 43M 44E 44Ei 48L 55F 56F 56Fz 60C 61K 61Ka 62E 64B 73C 73A 73Ab 73Cd 75F 75Fe 80B 80Bb.
Material examined: 4 ♂♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.

92) **Axiopoena karelini Ménétriés,1863**
Synonym(s): *karelini Ménétriés,1863; transcaucasia Sheljuzhko,1926; manissadjiani O.Bang-Haas,1927.*
Provincial Distribution in Turkey (as codes): 08 21 24 25 30 36 44 56 62 65 72 76 08A 98H 24E 25R 30D 30Dx 36D 44L 56F 56Fn 62E 65D 65Df 76A 76Ac**.**
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021). A.Gedik photographed on Mercan valley, Harami dere 1500m, 08 09 2021.

93) **Eilema (s.str.) caniolum (Hübner,[1808])**
Synonym(s): *caniola Hübner,[1808].*
Provincial Distribution in Turkey (as codes): 05 07 10 16 17 26 28 30 34 42 48 53 55 57 62 71 05A 07B 07C 10D 10P 10U 16A 17H 26K 28O 30B 30Bh 34S 48D 48G 48Gb 53L 55D 57G 62E.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

94) **Manulea (s.str.) palliatella (Scopoli,1763)**
Synonym(s): *palliatella Scopoli,1763; unita [Denis & Schiffermüller],1775; palleola Hübner,[1808]; gilveola Ochsenheimer,1810; vitellina Treitschke,1834; flaveola Rambur,1866.*
Provincial Distribution in Turkey (as codes): 01 06 10 12 13 14 24 25 39 45 60 62 65 71 81 01H 06R 06Re 06Rd 10D 12A 12Aa 13F 13F71 25F 39H 45K 62E 65A 65Ac 65Ac3 65B 65Bk 65D 65Df 81F.

Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

95) **Manulea (s.str.) pseudocomplana (Daniel,1939)**
Synonym(s): *pseudocomplana Daniel,1939.*
Provincial Distribution in Turkey (as codes): 06 13 16 25 29 36 42 46 56 62 06R 06Re 13F 13F71 16A 25F 29A 29Ac 36D 36F 42B 56F 62E.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

**Cossidae**

96) **Azygophleps regia (Staudinger,1892)**
Synonym(s): *regia Staudinger,1892; #regina Wiltshire,1957*
Provincial Distribution in Turkey (as codes): 01 08 12 13 21 30 56 65 01K 08H 12A 13C 13Cf 30B 30Bh 30Bd 56F 56Fa 65Di.
Material examined: 1♂. Munzur valley, 1180m, 28 06 2021.
First record for the fauna of Tunceli Province.

97) **Cossus cossus (Linnaeus,1758)**
Synonym(s): *cossus Linnaeus,1758; unguiculatus Fabricius,1794; ligniperda Fabricius,1794.*
Provincial Distribution in Turkey (as codes): 01 05 06 12 13 14 16 17 19 23 25 30 36 42 46 49 53 55 56 58 60 61 62 65 70 73 76 01K 05A 12A 12Aa 12E 13C 13Cf 13G 13Gü 13Gw 16A 19P 23G 23Ga 30B 30Ba 30Bl 30Be 30D 30Df 46G 49E 49Ea 56F 56Fq 56Fs 56F6 58G 60C 62E 65Bx 65D 65Dl 65Dlc 65G 65Ge 65K 65Kd 65Kğ 70C 70Cf 73C 73Cd 73A 73Aa 76B.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂. Havuzlu 1450m, 05 06 2021.

98) **Dyspessa ulula (Borkhausen,1790) (Fig.12c)**
Synonym(s): *ulula Borkhausen,1790; hepialica Borkhausen,1790; hepialina Hübner,1792; marmorata Rambur,1858; fuscula Staudinger,1892; affinis Rothschild,1917; maroccana Rothschild,1917; pallida Rothschild,1917 nec Roth.,1912.*
Provincial Distribution in Turkey (as codes): 05 06 07 13 14 16 17 20 21 26 33 36 42 44 45 46 48 58 60 65 66 05A 06R 06Rb 06Rd 13A 13Ab 13Ax 16A 42B 44E 44Ei 48F 58N 65A 65Ai 65D 65Dg 65Dh 65G 65Gf 65Gy 65N 65Np2 65Nr2 65Nm.
Material examined: 2♂. Havuzlu 1450m, 05 06 2021. 2♂1♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

**Ctenuchidae**

99) **Amata hakkariana (De Freina,1982) (Fig. 14b)**
Synonym(s): *hakkariana De Freina,1982.*
Provincial Distribution in Turkey (as codes): 30 65 73 30B 30Bc2 30Bh 30D 30Df 65D 65Dlc 65Dü 65Dn 73A 73Aa.
Material examined: 1♂. Munzur valley 1110m, 02 06 2021; 2♂. Ocavık S., Hozat road 7.2km 1475m, 02 06 2021; 1♂. Ziyaret 1390m, 02 06 2021; 1♂1♀. Gözeler (Yılanlıköy) 1400-1530m, 03 06 2021; 2♂1♀. Mercan valley, Yazıören 1450m; 1♂. Şahverdi 1500m, 04 06 2021.
Remark: This species is very well represented in the region.

First record for the fauna of Tunceli Province.

100) **Dysauxes (s.str.) famula (Freyer,1836)**
Synonym(s): *famula Freyer,1836; hyalina Freyer,1845; ragusaria Zickert,1904; herthina Stauder,1921; burgeffi Draudt,1931; taurica Draudt,1931; pseudoservula Naufock,1933; pontica Friese,1959; sofiata De Laever,1983; lucana De Laever,1983.*
Provincial Distribution in Turkey (as codes): 01 04 06 07 08 10 11 12 13 14 16 17 21 23 25 30 31 33 34 36 38 42 44 45 46 50 56 59 60 65 71 73 76 01A 04A 06R 06Rb 06Re 07B 08H 10P 11E 12E 13G 13Gü 13Gw 21C 23I 25F 30B 30Bh 30Bd 30Be 31K 31Ka 33A 33Ak 33F 33G 33O 33N 33P 36F 38H 38Hc 42D 44I 44Ic 44O 46D 46G 46Gf 46Gi 50G 56E 56Eb 56F 59D 60C 65A 65Am 65Am4 65D 65Df 65F 65F1 65Fp 65Fz 65N 65Np2 65Nm 73C 73Ce 73D 73Db 76C.
Material examined: 1♂. Ziyaret 1390m, 02 06 2021; 1♂. Yılanlıköy (Gözeler) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

**Drepanidae**

101) **Watsonalla binaria (Hufnagel,1767)**
Synonym(s): *binaria Hufnagel,1767; falcata Fabricius,1775; falculataria De Villers,1789; falcatalis Haworth,1802; uncula Hübner,[1802].*
Provincial Distribution in Turkey (as codes): 02 05 06 08 10 12 13 14 16 21 30 31 42 46 49 50 53 56 62 65 71 73 75 02F 02Fd 02Fz 05A 06R 06Rb 06Re 12E 12Ec 13F 13F38 13G 13Gg 16A 21N 21Nb 21Nh 30B 30Ba 30Bç 30Bz 30Bh 30D 30Df 31K 31Ka 31Ka3 31Ka7 42B 49E 49Ea 49F 49Fb 56F 56Fo 56Fn 56F6 62E 65A 65Ai 65An 65D 65Dl 65Dlc 65Ds 73Aç 73Aç2 73A 73Ad 73Ad2 73C 73Cd 75F 75Fd.
Material examined: 2♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.

**Geometridae**

102) **Aplocera plagiata (Linnaeus,1758)**
Synonym(s): *plagiata Linnaeus,1758; duplicata Fabricius,1775; terlineata Goeze,1781; triplicata Geoffroy,1785; plagiaria Boisduval,1840; scotica Richardson,1952.*
Provincial Distribution in Turkey (as codes): 01 05 06 13 14 16 17 18 22 23 24 29 30 31 33 34 35 38 39 42 44 45 46 56 58 60 61 62 65 71 75 80 81 01H 05A 05G 06R 06Rb 13A 13Ab 13Ax 13G 13Gü 13Gw 13Gs 16A 18F 30B 30Bt1 30Bz 30D 30Df 31D 31F 42B 44E 44Eh 46G 46Gi 56F 58N 60H 60Hb 61K 65A 65Aa 65Am 65Am1 65Am4 65An 65Ai 65As 65D 65Df 65F 65Fg 65Fp 65Fz 65K 65Kb 65Kl 65Kl1 65Z 65L 65Le 65N 65Nc 65Nc4 65Np 65Np1 65Nr4 65Nm 75F 75Fb 80B 80Bc.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂ (GP3322). Ziyaret 1330m, 04 06 2021.

103) **Aplocera uniformata (Urbahn,1971)**
Synonym(s): *uniformata Urbahn,1971.*
Provincial Distribution in Turkey (as codes): 06 14 29 36 53 62 14B 14Bd
Remark: This species was recorded in 1972-73 by Koçak in the district. However, it was not included in the Koçak & Kemal (2015) and Kemal & Koçak (2018) checklist lists. For the first time in this study, is listed for the Ovacık district.

104) **Camptogramma bilineatum (Linnaeus,1758)**

Synonym(s): *bilineata Linnaeus,1758; brocatella Fourcroy,1785; dumetata Schrank,1802; bilinearia Boisduval,1840; musauria Freyer,1846; testaceolata Staudinger,1871.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 10 13 14 16 17 18 21 22 23 28 30 33 34 35 36 38 39 42 44 45 46 48 52 56 57 59 60 65 73 80 01B 01D 01K 02F 02Fc 02Fz 05A 06R 06Rb 06Rd 10K 10Ka 13A 13Ab 13Ax 13C 13Cç 13F 13G 13Gd 13Gg 16A 21L 21Lf 28N 30D 30Df 30Dx 31D 33G 33R 36D 36Db 44F 44Fb 44L 44Lc 44O 44Oi 48G 48D 52A 52G 52Gb 56C 56Cc 56F 56Fa 56Fc 56F1 56Fn 56Fç 57E 60G 65A 65Ai 65Au 65At 65At2 65B 65Bn 65Bn1 65D 65Dl 65Dlc 65Do 65Doa 65F 65Fd 65F1 65Fz 65L 65Le 65N 65Np 65Nm 73A 73Ad 73Ad2 73D 73Df 80B 80Bc.
Material examined: 1♂. Eğripınar, Bozkıra 1480m, 03 06 2021; 2♂1♀. Gözeler (Yılanlıköy) 1400m, 05 06 2021.
First record for the fauna of Tunceli Province.

105) **Cataclysme riguata (Hübner,[1813])**
Synonym(s): *riguata Hübner,[1813]*
Provincial Distribution in Turkey (as codes): 05 06 13 14 16 24 36 38 42 50 58 65 71 76 05A 13F 13F71 16A 36D 36Db 50G 58N 65A 65Ai 65Am 65Am4 76C.
Material examined: 2♂ (GP3330-3331). Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

106) **Catarhoe permixtaria (Guenée,[1858]) (Fig.12)**
Synonym(s): *#permixtaria Herrich-Schäffer,1851; permixtaria Guenée,[1858].*
Provincial Distribution in Turkey (as codes): 05 06 13 14 16 17 30 31 42 46 56 65 71 05A 13F 13G 13Gg 16A 30B 30Bç 30Bt1 30Bz 30Bd 30Bc1 30D 30Df 31M 42B 56F 65A 65An 65At 65At5 65Ai 65B 65Bo 65Bx 65D 65Df 65Dg 65Dga 65Dh 65F 65Fr 65Fm 65Fp 65Fz 65G 65Gf 65Gy 65H 65Hg 65K 65Kl 65Z 65Kd 65Kğ 65L 65Le 65N 65Np8 65Nm.
Material examined: 1♂(GP3320). Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

107) **Chiasmia clathrata (Linnaeus,1758)**
Synonym(s): *clathrata Linnaeus,1758; almacola Wehrli,1934.*
Provincial Distribution in Turkey (as codes): 02 05 06 10 13 14 16 18 21 22 30 31 33 34 36 42 46 49 50 56 65 71 75 80 81 02F 02Fd 02Fz 05A 06R 06Rb 10K 10Ka 13Gö 13Gğ 16A 18F 21N 21Nb 21Nc 21Nh 30B 30Bb 30Bk 30D 30Df 31D 36D 36Db 49E 49Ea 49F 49Fb 56F 56Fg 65A 65Ai 65D 65Ds 65Dt 65F 65Fb 75F 75Fb 80B 80Bc
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

108) ***Comibaena bajularia* ([Denis & Schiffermüller],1775)**
Synonym(s): *pustulata Hufnagel,1767 nec Müller,1764; bajularia [Denis & Schiffermüller],1775.*
Provincial Distribution in Turkey (as codes): 07 13 14 31 32 37 39 42 52 57 60 61 13G 13Gg 31F 31K 31Ka 52G 52Gb 60H 60Hb 61K 61Ka.
Material examined: 5♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

109) **Crocallis (s.str.) inexpectata Warnecke,1940**
Synonym(s): *inexpectata Warnecke,1940.*

Provincial Distribution in Turkey (as codes): 05 08 18 25 33 42 50 51 52 56 58 62 65 66 05A 25F 33E 42B 50G 50Gd 51B 52C 56F 58G 58Gd 58R 62E 65Bx 65G 65Ge 65N 65Np 65Nm 66P.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

110) **Crocallis (s.str.) sylvana Stadie & Fiebig,2014**
Synonym(s): *sylvana Stadie & Fiebig,2014.*
Provincial Distribution in Turkey (as codes): TR 62 62E.
Remark: According to Kemal & Koçak, 2018b and Info-system Cesa, 2021.

**Figs.16-18:** *Cyclophora porata,* tympanal organ, male genitalia and aedaegus (GP3352♂).

111) **Cyclophora porata (Linnaeus,1767) (Figs.16-18)**
Synonym(s): *porata Linnaeus,1767; huebneraria Haworth,1809; poraria Latreille,1825.*
Provincial Distribution in Turkey (as codes): 05 13 14 16 22 39 46 59 75 05A 13G 13Gg 16A 75F 75Fd.
Material examined: 1♂(GP3352), 1♀(GP3353). Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

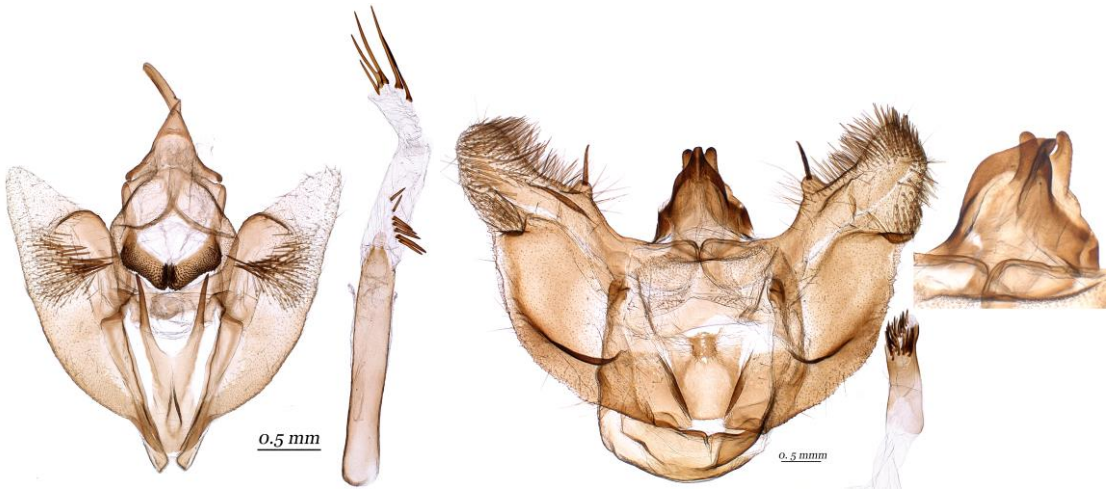
112) **Cyclophora punctaria (Linnaeus,1758)**
Synonym(s): *punctaria Linnaeus,1758; amata Linnaeus,1758; teutonaria Linnaeus,1758; amataria Linnaeus,1761; fultaria De Villers,1789; communifasciata Donovan,1808; unifasciata Donovan,1808; subangularia Haworth,1809; acutaria Roquette,1857; naevata Bastelberger,1900.*
Provincial Distribution in Turkey (as codes): 01 05 08 13 16 17 34 42 46 52 55 56 60 81 01G 05A 13F 13F38 13F71 16A 46G 46Gf 52G 52Gb 56F 60H 60Hb
Material examined: 2♂2♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

113) **Cyclophora ruficiliaria (Herrich-Schäffer,[1855])**
Synonym(s): *ruficiliaria Herrich-Schäffer,[1855]; schaefferaria La Harpe,1855; circumdataria Bastelberger,1898; mattiacata Bastelberger,1898; privataria Bastelberger,1898; ruberrima Bastelberger,1898.*
Provincial Distribution in Turkey (as codes): 01 14 16 22 34 39 59 01M.
Material examined: 3♂. Ovacık 7.2km S., Hozat road, 03 06 2021; 1♀. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

114) **Dyscia (Calodyscia) innocentaria (Christoph,1885)**
Synonym(s): *innocentaria Christoph,1885; #innocentana Pugaev & Zolotuhin,2006*
Provincial Distribution in Turkey (as codes): 01 05 06 07 13 14 16 17 18 20 21 25 27 30 34 35 36 38 42 44 45 46 47 50 56 65 71 13A 13Ab 13Ax 21L 21Lc 27D 27Db 30D 30Df 42B 47D 47Da 56F 65A 65Ai 65Am 65Am1 65Am3 65Am4 65D 65Df 65F 65Fp 65Fz 65L 65Le 65N 65Np 65Np7 65Nm.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

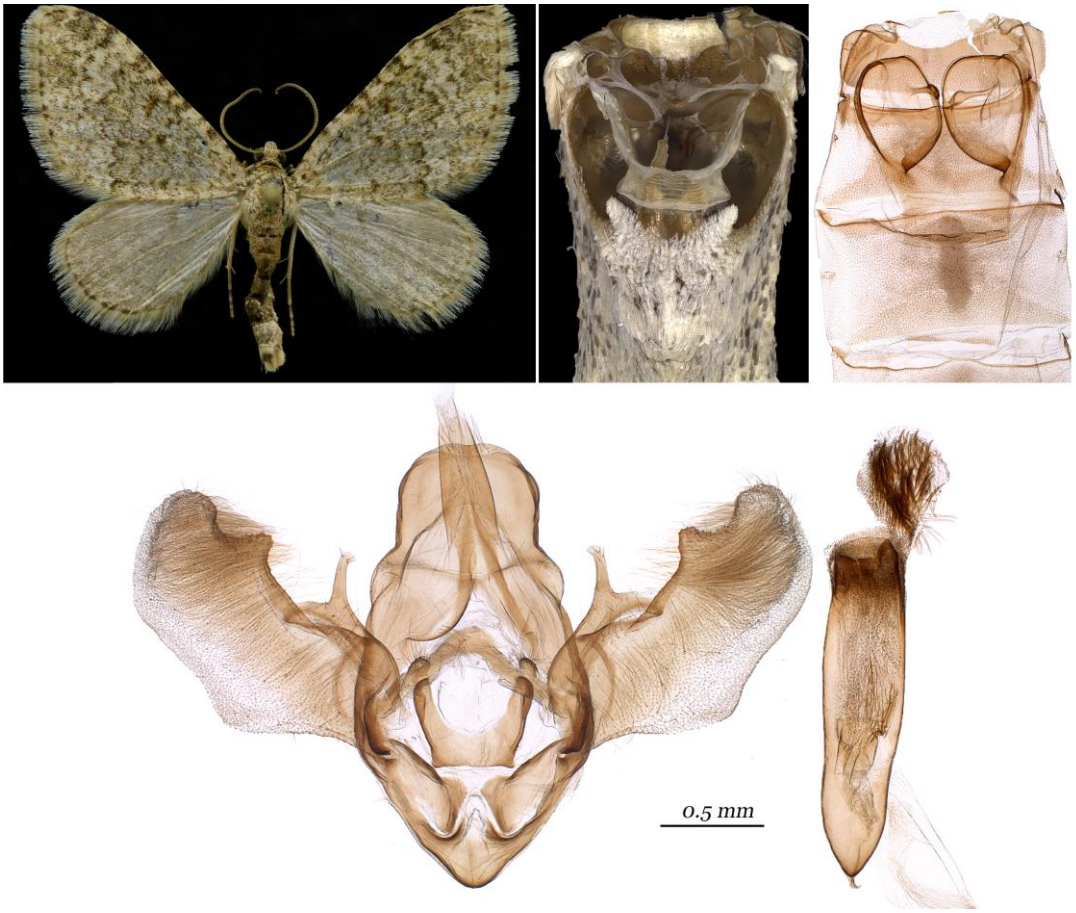
115) **Eilicrinia cordiaria (Hübner,1790)**
Synonym(s): *cordiaria Hübner,1790.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 09 13 14 16 18 22 24 30 36 38 42 44 45 46 51 56 58 59 61 65 71 73 01B 01H 02F 02Fe 02Fz 13F 13F38 13F7 13F71 16A 18F 30B 30Bç 30Bz 30D 30Df 36D 36Db 38K 42B 46G 46Gf 56F 56Fn 58N 61K 65A 65Ai 65Am 65Am2 65Am4 65An 65F 65Fm 65H 65Hb 65N 65Np6 65Nm 73A 73Ad1.
Material examined: 1♂3♀. Havuzlu 1450m, 05 06 2021; 2♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

116) **Ennomos (Deuteronomos) quercarius (Hübner,[1813]) (Figs.19-20)**
Synonym(s): *quercaria Hübner,[1813].*
Provincial Distribution in Turkey (as codes): 05 07 14 30 31 33 34 42 55 56 60 65 05A 14I 30D 30Df 31A 31Ab 42B 55F 56F 56Fb 65A 65Am 65Am4 65Ai.
Material examined: 1♂(GP3348). Munzur valley 1180m, 27 06 2021.
First record for the fauna of Tunceli Province.




**Figs. 19-23:** *Ennomos quercarius,* male genitalia and aedeagus (GP3348♂) (left); *Synopsia sociaria,* male genitalia and aedaegus (GP3323♂), enlarged uncus and gnathos lateral view (right).

117) ***Euphyia frustata* (Treitschke,1828) (Figs.24-27)**
Synonym(s): *frustata Treitschke,1828; muscosata Donzel,1837.*
Provincial Distribution in Turkey (as codes): 05 42 46 60 61 65 05A 42B 46G 46Gi 46F 65A 65Am 65Am1 65Am4 65D 65Df 65Fz.
Material examined: 1♂(GP3329). Ziyaret 1330m, 04 06 2021; 3♂(GP3332-3333). Gözeler (Yılanlıköy) 1400m, 27 06 2021.
Remark: Wing coloration is very variable.
First record for the fauna of Tunceli Province.

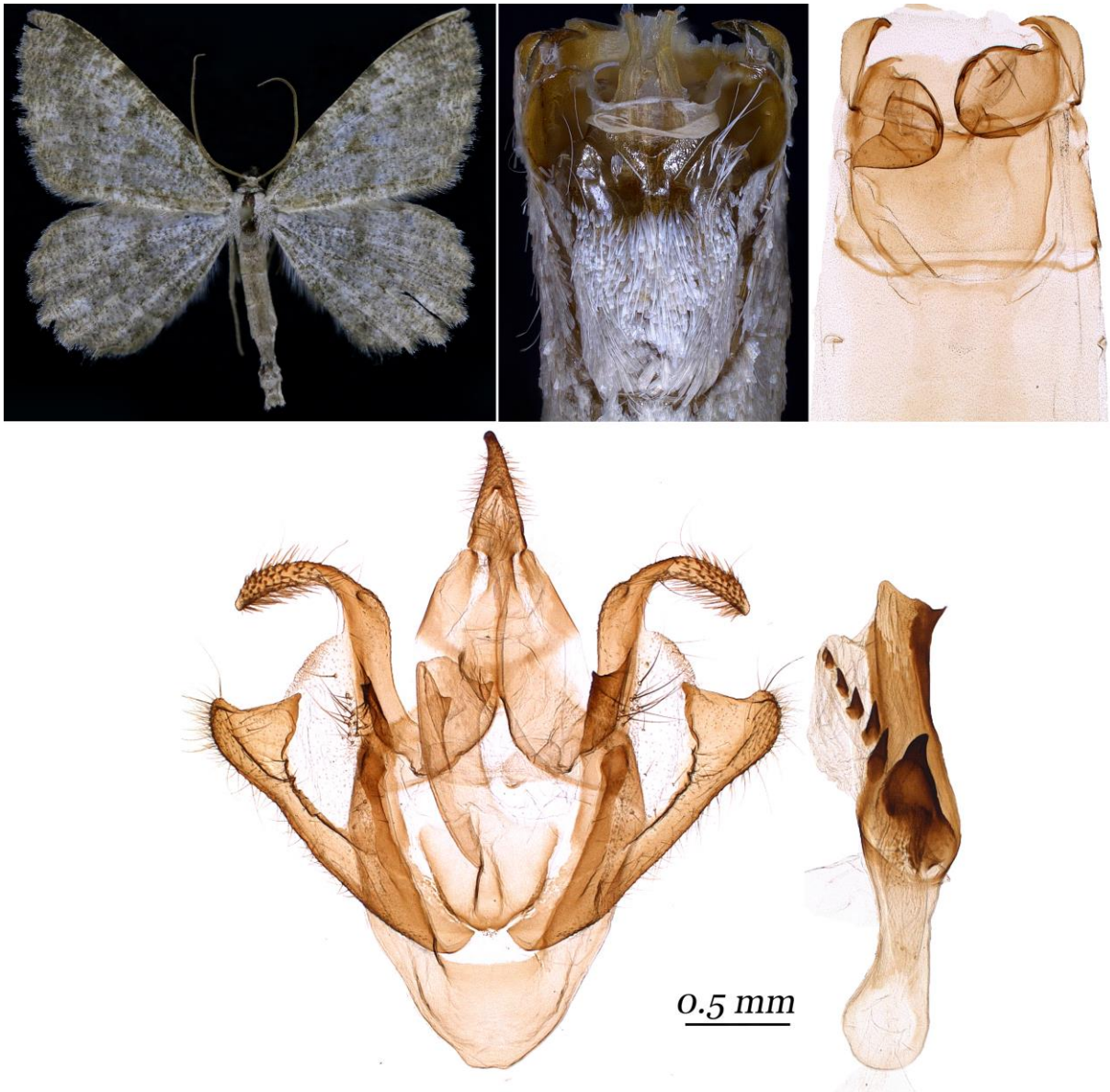



**Figs. 24-27:** *Euphyia frustata,* tympanal organ, male genitalia and aedaegus (GP3332♂).

118) **Eupithecia gemellata Herrich-Schäffer,1861**
Synonym(s): *gemellata Herrich-Schäffer,1861; schmidii Dietze,1872*.
Provincial Distribution in Turkey (as codes): 13 16 46 13F 13F7 13F71 16A.
Meterial examined: 1♂ (GP3311). Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

119) **Eupithecia limbata Staudinger,1879**
Synonym(s): *limbata Staudinger,1879; irritaria Staudinger,1892; kueppersi Vojnits,1973*.
Provincial Distribution in Turkey (as codes): 05 13 25 30 42 65 76 05A 13A 13Ab 13Ax 42B 65D 65Df 65Fz 76C.
Meterial examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

120) **Eupithecia sp.**
Meterial examined: 1♀(GP3321). Ziyaret 1330m, 04 06 2021.




**Figs.28-31:** *Gnophos sartatus*, tympanal organ, male genitalia and aedaegus (GP3326♂).

121) ***Gnophos (Dicrognophos) sartatus*** **Treitschke,1872** **(Figs. 28-31)**
Synonym(s): *sartata Treitschke,1827; syriaca Thierry-Mieg,1916.*
Provincial Distribution in Turkey (as codes): 02 05 06 14 16 17 20 21 27 30 31 34 35 42 45 46 56 65 80 02F 02Fd 02Fz 05A 06K 06Kc 16A 17H 21L 21Lc 27E 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka5 42B 46G 46Gi 56F 65A 65Ai 65Aö 65Am 65Am4 80B 80Bc.
Material examined: 1♂(GP3326). Ovacık 12km W., Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

122) ***Hypomecis punctinalis*** **(Scopoli,1763)** **(Figs. 32-35)**
Synonym(s): *punctinalis Scopoli,1763; urticaria Hufnagel,1767; turcaria Fabricius,1775; griseonigra Goeze,1781; bandevillaea Fourcroy,1785; consortaria Fabricius,1787; convexata Villers,1789; leucopheataria De Villers,1789; grisearia Bastelberger,1902; magyarica Wehrli,1932.*
Provincial Distribution in Turkey (as codes): 05 13 14 16 31 33 39 52 57 61 80 81 05G 13F 16A 31D 33A 33Ac 39B 52C 52G 52Gb 61K 61Ka 80B.
Material examined: 1♂(GP3327). Ovacık 7.2km G., 1440m, 03 06 2021.
First record for the fauna of Tunceli Province.

**Figs.32-35:** *Hypomecis punctinalis*, tympanal organ, male genitalia, aedaegus and enlarged uncus and gnathos (GP3327♂).

123) **Idaea degeneraria (Hübner,[1799])**
Synonym(s): *degeneraria Hübner,[1799]; degenerata Treitschke,1828; floridaria Turati,1913.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 14 16 17 21 22 27 30 31 33 34 36 39 42 46 48 52 56 58 60 61 65 71 80 01B 01D 01G 01J 02F 02Fd 02Fz 05A 16A 21N 21Nh 27D 27Da 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka3 33A 33Ak 34R 34Rb 36D 36Db 46G 46Gf 48L 52C 52G 52Gb 56C 56Cc 56F 56Fa 58N 61K 61Ka 65A 65Am 65Am4 65An 65Ai 65N 65Nc 65Nc4 65L 65Lb 80B 80Bc.
Material examined: 1♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

124)***Idaea filicata*** **(Hübner,[1799])**
Synonym(s): *filicata Hübner,[1799]; filicaria Duponchel,1830; levequei Leraut,2005*
Provincial Distribution in Turkey (as codes): 01 05 14 16 17 21 22 30 31 33 34 42 44 45 46 48 52 56 58 59 60 61 65 71 80 01B 01D 01G 01H 05A 05G 16A 21L 21Lc 30D 30Df 33A 33Ad 33Ae 33Ak 33G 44I 44Ic 44L 44Lc 48L 52G 52Gb 56F 58N 60H 60Hb 61K 65A 65Ai 65Am 65Am4 65D 65Dh.
Material examined: 1♂. Ovacık 72.km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

125) **Idaea moniliata ([Denis & Schiffermüller],1775)**

Synonym(s): *moniliata [Denis & Schiffermüller],1775; ?pentalineata De Villers,1789; omicata Fabricius,1794; #moniliaria Hübner,[1799]; pluripunctata Scharfenberg,1805.*
Provincial Distribution in Turkey (as codes): 01 05 06 13 14 16 22 31 33 34 36 39 42 52 56 60 81 01J 05A 13G 13Gg 16A 31A 33G 36D 36Db 42B 52G 52Gb 56F 56Fq 60G 60H 60Hb.
Material examined: 3♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

126) **Idaea ochrata (Scopoli,1763)**
Synonym(s): *ochrata Scopoli,1763; #ochreata [Denis & Schiffermüller],1775; corrigata Fabricius,1781; ochrearia Schrank,1802 nec Ross.,1794; sicula Zeller,1847; accretata Fuchs,1901.*
Provincial Distribution in Turkey (as codes): 01 05 06 14 16 22 25 34 39 46 52 59 65 76 78 81 05A 06R 16A 52G 52Gb 65F 65Fr 65Fp 65Fz 65G 65Gb 65L 65Le 65N 65Nş 65Nm 76C 76D 76Dd 78D 78Da.
Material examined: 1♂. Gözeler (Yılanlıköy) 26 06 2021.
First record for the fauna of Tunceli Province.

127) **Idaea ossiculata (Lederer,1871)**
Synonym(s): *ossiculata Lederer,1871.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 13 25 30 31 33 38 40 42 44 46 58 65 70 02F 02Fd 02Fe 02Fz 05A 06K 06Kb 13A 13Aç 13Ax 25F 33H 42B 44L 44Lc 46G 46Gf 58N 65A 65Am 65Am1 65Ai 65At 65At5 65B 65Bo 65Bx 65D 65Df 65L 65Le 65N 65Nc 65Np2 65Nm 70A 70Ab.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

128) **Idaea politaria (Hübner,[1799])**
Synonym(s): *politata Hübner,1793 nec Fabr.,1781; politaria Hübner,[1799]; #abmarginata Bohatsch,1885; mundipennis W.Warren,1898; abmarginata Staudinger,1901.*
Provincial Distribution in Turkey (as codes): 01 05 07 14 16 22 31 33 34 39 45 52 65 81 01B 01D 01G 05A 16A 31C 33G 52G 52Gb 65L 65Le.
Material examined: 1♂2♀. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

**Figs. 36-38:** *Neognopharmia cataleucaria,* male genitalia and aedaegus (GP3349).

129) **Neognopharmia cataleucaria (Staudinger,1901)** **(Figs.36-38)**

Synonym(s): *cataleucaria Staudinger,1901*.
Provincial Distribution in Turkey (as codes): TR 30 47 30B 30Bd 30Bc 30Bc1 30Bç 30Bt1 30Bz 30D 30Df 30Dx 47D.
Material examined: 1♂ (GP3349), 1♀(GP3350). Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

130) **Nychiodes (Eunychiodes) divergaria (Staudinger,1892) (Figs.39-41)**
Synonym(s): *divergaria Staudinger,1892*.
Range (as codes): TR LB Bei Bsa IL Pa Js RU Da Cc IR Elb IQ Brs Ry Rwz Dia 13 21 24 30 31 44 46 47 65 80 13G 13Gy 30D 30Df 31M 46G 46Gi 65A 65Am1 65D 65Df 65Fz 80B 80Bb.
Material examined: 1♂ (GP3324). Ziyaret 1330m, 04 06 2021.

**Figs. 39-41:** *Nychiodes divergaria,* male genitalia and aedaegus (GP3324♂).

131) **Orthostixis calcularia Lederer,1853**
Synonym(s): *calcularia Lederer,1853*.
Provincial Distribution in Turkey (as codes): 05 12 13 14 42 46 49 65 05A 12A 12Ab 13C 13Cç 46G 46Gf 49E 49Ea 65A 65Ai 65Am 65Am1 65F 65Fb 65Fc 65Fg 65Fp 65Fz.
Material examined: 1♂ Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

132) **Odezia atrata (Linnaeus,1758)**
Synonym(s): *atrata Linnaeus,1758; chaerophyllata Linnaeus,1767; chaerophyllaria Boisduval,1840; pyrenaica Gumppenberg,1887; meridionalis Reisser,1935*.
Provincial Distribution in Turkey (as codes): 01 05 06 13 14 18 28 29 33 36 37 38 42 46 49 60 61 65 71 01L 05A 13G 18F 28N 37F 38K 42B 46B 46F 46Fc 49F 49Fb 61K 65F 65Fg.
Material examined: 1♀. Mercan Vadisi Yaziören köyü, 1450m, 04 06 2021.
First record for the fauna of Tunceli Province.

133) **Peribatodes umbrarius (Hübner,[1809])**
Synonym(s): *umbraria Hübner,[1809]; vaucheri Thierry-Mieg,1916*.

Provincial Distribution in Turkey (as codes): 05 12 14 30 31 42 44 45 46 56 65 71 05A 12A 12Ac 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka5 42B 44I 44Ic 46G 46Gf 46Gi 56F 65A 65An 65Ai 65Am 65Am1 65D 65Dh.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021;
First record for the fauna of Tunceli Province.

134) **Proteuchloris neriaria (Herrich-Schäffer,[1852])**
Synonym(s): *neriaria Herrich-Schäffer,[1852].*
Provincial Distribution in Turkey (as codes): 01 05 13 14 16 17 31 33 46 80 05A 13F 16A 31C 31K 33G 46G 46Gf 80B 80Bc.
Material examined: 1♀. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

135) **Proutictis artesiaria ([Denis & Schiffermüller],1775)**
Synonym(s): *artesiaria [Denis & Schiffermüller],1775.*
Provincial Distribution in Turkey (as codes): 56 58 60 65 71 56F 60H 60Hb 65F 65Fg 65Fm 65L 65Le.
Material examined:1♂(GP3316). Ziyaret 1330m, 04 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

136) ***Rhodostrophia* (s.str.) *discopunctata* Amsel,1935**
Synonym(s): *tabidaria auct. nec Zell.,1847; discopunctata Amsel,1935.*
Provincial Distribution in Turkey (as codes): 02 05 06 13 14 16 17 18 21 27 28 29 30 31 33 36 38 42 44 46 49 50 56 58 60 65 70 72 80 81 02F 02Fd 02Fz 05A 13G 13Gz 14G 14Gb 16A 18F 21N 21Nh 27D 27Da 27Db 28N 30B 30Bç 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka5 36D 36Db 42B 44L 44Lc 46G 46Gf 49F 49Ff 56F 56Fb 56F1 56Ft 58N 60G 65A 65Ai 65An 65Am 65Am1 65At 65At5 65D 65Dd 65Dda 65Dl 65Dlc 65Dr 65Drb 65F 65Fd 65Fp 65Fz 65Fr 65N 65Np 65Np1 65Np2 65Np5 65Nr6 65Nr7 65Nm 70C 70Ce 72E 72Ei 80B 80Bc 81E.
Material examined: 1♀. Ziyaret 1330m, 04 06 2021; Gözeler (Yılanlıköy) 1400m, 03 and 27 06 2021.
First record for the fauna of Tunceli Province.

137) **Rhodostrophia (Asiotrophia) auctata (Staudinger,1879)**
Synonym(s): *auctata Staudinger,1879.*
Provincial Distribution in Turkey (as codes): 01 05 06 12 13 24 25 29 38 42 43 44 46 49 50 51 56 57 58 61 62 65 69 70 71 76 01D 05A 06R 06Rd 12A 12Ab 13A 13Ab 13Ac 13Ac2 13Ax 25N 25Na 44E 44Eb 44Ei 44I 44Ic 44L 44Lc 46G 46Gi 50F 50Fb 51D 51Db 56F 56Fs 58N 61K 65A 65Ac 65Ac3 65An 65Am 65Am1 65Bx 65D 65Df 65F 65Fg 65F1 65Fq 65Fz 65G 65Gb 65Ge 65K 65Kl 65Kl1 65Z 65L 65Le 65N 65Np 65Np2 65Np4 65Np8 65Nr2 65Nr4 65Nm 76C.
Material examined: 1♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

138) **Rhodostrophia (s.str.) sieversi (Christoph,1882)**
Synonym(s): *sieversi Christoph,1882.*
Provincial Distribution in Turkey (as codes): 06 30 44 46 65 71 76 44E 44Ei 65D 65Dd 65Dda 65Dc 65Dg 65Ds 65F 65Fp 65Fz 65G 65Gf 65Gg 65Gy 65L 65Le 65N 65Nr3 65Nm 76D 76Dd.

Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

139) **Scopula decorata ([Denis & Schiffermüller],1775)**
Synonym(s): *decorata [Denis & Schiffermüller],1775; cinerata Fabricius,1781; violata Thunberg,1784; caerulata Gmelin,1790; decoraria Hübner,[1799]; ornataria Esper,[1806]; armeniaca Thierry-Mieg,1916.*
Provincial Distribution in Turkey (as codes):03 05 06 13 14 16 27 29 30 38 39 42 43 44 45 46 51 58 60 61 65 71 76 80 05A 06B 06R 06Rb 13B 13Bg 13F 13F7 13F71 13G 13Gw 16A 27D 27Da 27Dd 30B 30Bt1 30Bz 38H 38Hc 42B 44L 44Lc 51D 51De 58N 58M 60G 61K 65A 65Ac 65Ac3 65Am 65Am1 65Am4 65At 65At5 65Ab 65Aba 65B 65Bo 65Bx 65D 65Df 65Dh 65F 65Fp 65Fr 65Fz 65G 65Gf 65Gy 65K 65Kb 65L 65Le 65N 65Np 65Np2 65Nm 76C.
Material examined: 1♀. Gözeler (Yılanlıköy) 1400m, 05 06 2021.
First record for the fauna of Tunceli Province.

140) **Scopula immistaria (Herrich-Schäffer,[1852])**
Synonym(s): *#elisabetharia Heydenreich,1851; immistaria Herrich-Schäffer,[1852]*
Provincial Distribution in Turkey (as codes): 06 08 13 23 24 25 30 44 46 47 56 58 65 72 76 08H 13A 13Ab 13Ax 13B 13F 13F7 13F71 13G 13Gf 30D 30Df 44E 44Ei 46G 47D 56F 56F5 56Fg 56Fm 56Fq 56Fo 56Fs 56Fv 56Fw 56Fx 56F1 58N 65A 65Ai 65An 65Am 65Am1 65At 65At5 65B 65Bo 65Bx 65D 65Df 65Dg 65Dga 65Dh 65F 65Fm 65Fz 65G 65Gf 65Gy 65H 65K 65Kb 65Kl 65Kl1 65Z 65N 65Np1 65Nr7 65Nm 72E 72Eh 76C
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

141) **Scopula marginepunctata (Goeze,1781) (Fig.13)**
Synonym(s): *marginepunctata Goeze,1781; conjugata Borkhausen,1794; aniculosata Rambur,1829; puellaria Boisduval,1840; mutaria Heydenreich,1851; promutata Guenée,[1858]; promutaria Morris,1861; apertaria Walker,[1863]; madoniata Fuchs,1901; pastoraria Joannis,1891; #marginipunctata Rothschild,1914; britonaria Oberthür,1917; subatrata Wagner,1919; #insubrica Vorbrodt,1930.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 13 14 16 17 21 22 24 30 33 34 35 38 39 42 44 46 52 56 58 59 60 61 65 71 76 80 81 01D 01G 01H 02F 02Fd 02Fe 02Fz 05A 05G 06D 13B 13Ba 16A 21N 21Nh 30D 30Df 33A 33Ae 42B 44E 44Ei 52G 52Gb 56F 56Fg 58N 60H 60Hb 61K 61Ka 65A 65Ai 65Am 65Am1 65An 65Am4 65D 65F 65Fm 65Fr 65Fp 65Fz 65K 65Kl1 65Z 65L 65Lb 65Le 65N 65Nc 65Np 65Np1 65Nm.
Material examined: 1♂ (GP3310), 1♀. Ziyaret, 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

142) **Scopula ornata (Scopoli,1763)**
Synonym(s): *ornata Scopoli,1763; instilata Hufnagel,1767; paludata Linnaeus,1767; institata Rottemburg,1777; interrupta Goeze,1781; intersecta Fourcroy,1785.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 09 11 13 14 16 17 18 22 29 30 34 39 44 52 59 61 65 76 77 81 01M 05A 06R 06Rd 13F 13F38 13F7 13F71 13G 13Gs 13Gw 16A 18F 30D 30Df 44E 44Ei 52A 52G 52Gb 61K 65A 65Ai 65Am 65Am1 65Am4 65Au 65At 65At5 65D 65Df 65F 65Fd 65Fr 65Fz 65G 65Go 65Gs 65N 65Np1 65Nm 76D
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

143) **Scopula submutata (Treitschke,1828)**
Synonym(s): *submutata Treitschke,1828; submutaria Boisduval,1840; submutulata Rebel,1902; pseudhonestata Wehrli,1926.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 13 16 17 21 24 27 30 31 33 42 45 46 47 56 58 65 71 73 01B 01D 01J 05A 13F 13F71 13G 13Gü 13Gw 16A 21L 21Lc 21N 21Nb 27D 27Da 27Db 27Dd 30D 30Df 33G 42B 46G 46Gf 56F 56Fh 58N 73E 73Eb.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

144) **Scotopteryx nebulata (A.Bang-Haas,1907)**
Synonym(s): *nebulata A.Bang-Haas,1907.*
Provincial Distribution in Turkey (as codes): 27 51 62 65 51B 51Ba 62E 65A 65Ab 65Aba.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

145) **Synopsia sociaria (Hübner,[1799]) (Figs.21-23)**
Synonym(s): *sociaria Hübner,[1799]; staudingeraria Martorell,1874; acuta Wehrli,1926.*
Provincial Distribution in Turkey (as codes): 14 16 17 25 33 34 42 52 65 16A 42B 33G 52G 52Gb 65A 65An.
Material examined: 1♂(GP3323). Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

**Lasiocampidae**

146) **Lasiocampa grandis (Rogenhofer,1891)**
Synonym(s): *grandis Rogenhofer,1891; salomonis Staudinger,[1892]* Range (as codes): MK AL BG GR TR IQ Ama Agh Amr LB Bsa IL Pa Hf Cc AM Arr AZ Nv GG IR Fa Shr 01 06 07 11 12 13 14 19 30 31 33 34 41 42 44 46 50 56 62 63 65 73 06R 06Rb 06Re 07C 12A 12Aa 12E 13C 13Cf 13F 13F38 13G 13Gü 13Gw 19P 30D 30Df 31K 31Ka 33A 33Aj 34S 46G 46Gf 56A 56Aa 56F 56Fo 62E 63B 63Ba 65A 65Ai 73D 73Df.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

147) **Malacosoma neustrium (Linnaeus,1758)**
Synonym(s): *neustria Linnaeus,1758; annularis Fourcroy,1785; unicolor Cyrilli,1787; bilineatus Haworth,1803.*
Provincial Distribution in Turkey (as codes):05 06 08 12 13 14 17 19 22 23 25 30 32 33 35 36 37 42 46 49 53 55 58 60 61 62 65 71 05A 06R 06Rb 06Re 08H 08Hc 13G 13Gy 13F 14B 19C 23I 33G 36D 36F 49E 49Ea 55F 58I 65F 65Fe.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.

148) **Phyllodesma (s.str.) tremulifolium (Hübner,[1810])**
Synonym(s): *betulifolium Ochsenheimer,1810 nec Esp.,1782; tremulifolium Hübner,[1810]; danieli De Lajonquière,1963; #tremulifolum De Freina,1999.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 10 12 13 24 25 30 31 32 33 36 42 46 49 56 58 60 62 64 65 71 01H 05A 05G 06R 06Re 07B 07C 12A 12Ac 12E 12Ea 12Ed 12A 13C 13Cf 13G 13Gg 13Gü 13Gs 13Gw 30B 30Bh 30Bt1 30Bz 30D 30Da 30Df 31K 31Ka 31Ka3 32C 33A 33Ac 33G 36F 42R 49E 49Ea 56F 56Fs 58G 62E 65A 65Am 65Am4 65Ai 65D 65Dm 65Ds 65F 65Fe 66P.

Material examined: 1♂1♀. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.

**Lymantriidae**

149) **Leucoma salicis (Linnaeus,1758)**
Synonym(s): *salicis Linnaeus,1758; apparens Retzius,1783; salicinus Haworth,1803; xanthocampa Dyar,1905; coreacola Matsumura,1933; sjoequisti Bryk,1942; variabilis Bryk,1949.*
Provincial Distribution in Turkey (as codes): 05 06 07 08 10 12 13 14 16 19 22 24 25 30 36 42 46 49 53 55 56 58 60 61 62 63 65 66 75 05A 06R 06Ra 06Rb 06Re 07C 08H 13A 13Ab 13Ax 13G 13Gü 13Gw 16A 19C 25T 25F 30B 30Be 30Bf 30D 30Da 36F 46D 49E 49Ea 53N 53B 55F 56F 56Fa 58G 58I 58N 60C 61L 62E 63B 65D 65Dl 65Dlc 65F 65Fe 65Fg 65N 65Np2 65Nm 66P 75F 75Fb.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

150) **Lymantria dispar (Linnaeus,1758)**
*Synonym(s): dispar Linnaeus,1758; disparina Müller,1802; japonica Motschulsky,1860; disparoides Mabille,1876; bordigalensis Mabille,1876; asiatica Wnukowsky,1926.*
Provincial Distribution in Turkey (as codes): 06 07 10 11 12 13 17 19 23 25 30 31 33 36 46 48 49 50 56 62 65 71 76 06R 06Ra 06Rb 06Rd 07A 07B 07C 10K 10Ka 12A 12Aa 12E 12Eb 12Ec 12Ed 13F 13F38 19P 23D 25A 25F 30B 30Ba 30Bç 30Bz 30C 30Cd 30D 30Da 30Df 30Dx 31K 31Ka 33F 36D 36Db 48L 49E 49Ea 50G 56F 56F6 62H 62E 65D 65Dl 65Dlc 65Dn 65F 65Fo 65L 65Lb 76C.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

151) **Parocneria detrita (Esper,[1785])**
Synonym(s): *detrita Esper,[1785]; orientalis Schwingenschuss,1939; orientis Daniel,1963.*
Provincial Distribution in Turkey (as codes): 06 10 12 13 14 25 31 42 46 49 60 65 06R 06Ra 06Rb 06Re 06Y 10D 12A 12Aa 13F 13F38 14B 42B 49E 49Ea 49F 49Fb 60C 65F 65Fb.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

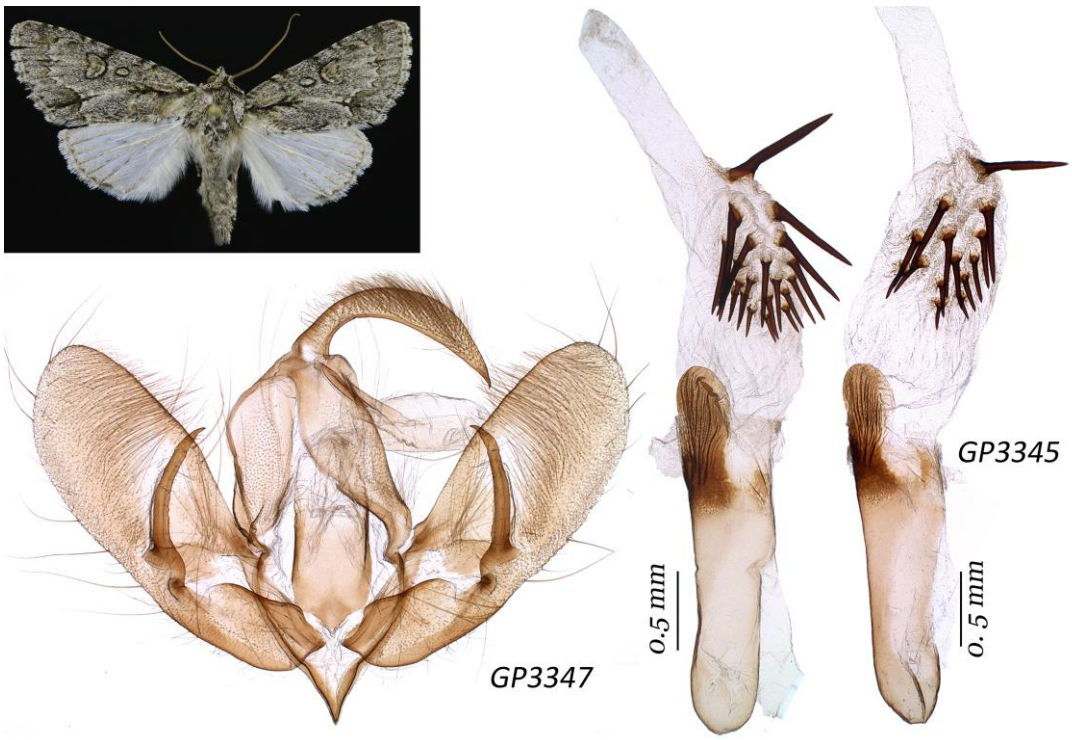
152) **Parocneria terebinthi (Freyer,[1838])**
Synonym(s): *terebinthi Freyer,[1838]; unicolor Staudinger,[1895].*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 08 16 30 33 42 46 47 60 65 80 01A 02F 02Fd 02Fz 05A 06R 06Re 07C 08H 08Ha 16A 30B 30Bf 33G 33F 33N 42B 46G 60C 65D 65Dl 65Dlc 80G.
Material examined: 2♂, 1♀(GP3312). Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂. Ziyaret 1330m, 04 06 2021; 3♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
Remark: This species is very well represented in the field.
First record for the fauna of Tunceli Province.

**Noctuidae**

153) **Acontia (Uracontia) titania (Esper,[1798])**
Synonym(s): *titania Esper,[1798]; urania Frivaldsky,1835; eversmanni Kolenati,1846.* Provincial Distribution in Turkey (as codes): 01 02 05 08 13 16 17 24 30

33 36 42 44 46 47 50 56 58 60 62 65 73 05A 30B 30Bc 30Bc1 30Bç 30Bt1 30Bz 30D 30Df 30Dx 33E 44L 44Lc 46G 46Gf 47D 56C 56Cc 56F 65A 65Am 65Am4 65Ac 65Ac3 65D 65Df 65Dl 65Dlc 65F 65Fa 65Fç 65Fp 65Fz 65N 65Np 65Np6 65Nm.
Material examined: 1♀. Ziyaret 1330m, 04 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.

**Figs. 42-44:** *Acronicta aceris*, male genitalia and eadeagus (GP3344♂).




**Figs. 45-48:** *Acronicta pasipae,* male genitalia and aedaegus (GP3345♂, 3347♂).

154) **Acronicta (Triaena) aceris (Linnaeus,1758) (Figs.42-44)**
Synonym(s): *aceris Linnaeus,1758; infuscata Haworth,1809; paradoxa Boisduval,1829.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 13 16 17 24 25 30 31 33 35 36 37 39 42 46 47 50 56 58 62 65 73 76 02F 02Fd 02Fz 05A 06R 06Rk 13C 13Cf 16A 30B 30Ba 30Be 30Bh 30Bi 30Bt1 30Bz 30D 30Df 31K 31Ka 33G 56F 58N 65A 65Am 65Am4 73A 73Ab 73Ad 73Ad2 76C.
Material examined: 1♂(GP3344). Ovacık 7.2km S., Hozat road 1475m.

155) **Acronicta (Triaena) pasiphae Draudt,1936 (Figs.45-48)**
Synonym(s): *pasiphae Draudt,1936.*
Provincial Distribution in Turkey (as codes): 13 30 31 46 56 65 30B 30Bd 46G 46Gf 56F.
Material examined: 3♂(3345, 3347). Ziyaret 1330m, 04 06 2021; 1♀(3346). Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

156) **Aedophron phlebophora Lederer,1858 (Fig.12e-f)**
Synonym(s): *phlebophora Lederer,1858; monotonia Amsel,1935.*
Provincial Distribution in Turkey (as codes): 05 06 12 13 18 25 30 33 36 42 45 46 47 49 50 51 56 58 65 66 70 71 73 05A 13G 13Gg 30D 30Da 36D 36Db 42J 42X 42Xa 49F 56F 58N 65B 65Bo 65Bx 65D 65Df 65F 65Fa 65F 65Fm 65Fp 65Fz 65G 65Ge 65Gf 65Gy 65K 65Kd 65Kğ 65N 65Nr2 65Nm 70C 70Cf 73C 73Cd.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

157) **Aegle semicana (Esper,[1798])**
Synonym(s): *semicana Esper,[1798]; vespertalis Hübner,[1813]; mimetes Brandt,1938; #verspertalis Hacker,1986.*
Provincial Distribution in Turkey (as codes): 01 03 06 13 17 19 22 23 32 33 36 40 42 46 47 50 51 56 58 66 13C 13Cf 36D 47D 56F.
Material examined: 1♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

158) **Anthracia eriopoda (Herrich-Schäffer,[1851])**
Synonym(s): *eriopoda Herrich-Schäffer,[1851]; sareptae Guenée,1852; eriopodoides Strand,1916.*
Provincial Distribution in Turkey (as codes): 02 09 16 17 30 33 46 62 65 02F 02Fz 09K 09Ka 16A 30D 30Df 33A 33Ae 33G 46G 46Gf 62E 65D 65Dh.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

159) **Autographa gamma (Linnaeus,1758)**
Synonym(s): *gamma Linnaeus,1758; messmeri Schadewald,1992; voelkeri Schadewald,1992.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 10 13 14 16 17 18 19 21 24 25 26 28 30 31 32 33 35 37 38 39 42 43 44 48 49 50 51 52 56 58 61 62 63 65 66 73 75 76 80 05A 06P 06Pb 06R 06Rb 10K 10Ka 13A 13Ab 13Ax 13G 13Gg 13Gğ 13Gö 13Gs 13Gw 16A 21L 21Lc 21N 21Nh 30B 30Bb 30Bç 30Bz 30Bk 30D 30Df 30Dx 31K 31Ka 31Ka3 31Ka7 33A 33Ac 33Aj 33E 44L 44Lc 48L 49F 49Fb 56F 58N 63D 65A 65As 65Bx 65E 65Eb 65Ec 65Eç 65Ed 65D 65Dr 65F 65Fd 65Fu 65G 65Ge 65K 65Kl 65Kl1 65Z 65Kp 65Ku 65L 65Le 65M 65Mc 65Md 65N 65Nc 65Np 65Nr7 65Nm 73A 73Aç 73Aç1 73H 75F 75Fg 76A 76Ac 76B 76Bb 76Bf 76Bh.

Material examined: 1♂. Havuzlu 1450m, 05 06 2021.

160)**Calophasia platyptera (Esper,[1788])**
Synonym(s): *platyptera Esper,[1788]; canterius De Villers,1789; tenera Hübner,[1803]; olbiena Duponchel,1842; subalbida Staudinger,1901; signata Constantini,1916.*
Provincial Distribution in Turkey (as codes): 01 05 07 15 16 21 23 24 27 31 32 33 44 46 47 50 58 66 05A 16A 21N 21Nh 23I 27D 27Db 31K 31Ka 31Ka7 33A 33Ak 33G 44L 44Lc 47D 58N.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.

161) **Caradrina (Platyperigea) montana (Bremer,1861)**
Synonym(s): *montana Bremer,1861; apatetica Püngeler,1914; sachalinensis Matsumura,1925; melancholica Draudt,1934; kaolina Bryk,1949.*
Provincial Distribution in Turkey (as codes): 04 25 36 42 50 51 58 65 58G 65G 65Gj.
Material examined: 2♂♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

162) **Catocala (Ephesia) brandti Hacker & Kautt,1999**
Synonym(s): *brandti Hacker & Kautt,1999.*
Provincial Distribution in Turkey (as codes): 13 25 30 47 56 63 73 13A 13Ab 13Ax 25F 30B 30Bç 30Bz 30Be 30D 30Df 47L 47La 56C 56Cc 56F 56Fb 56Fç 56Fü 56F6 73A 73Ab 73D 73Df.
Material examined: 2♂. Munzur valley, 1180m, 28 06 2021.
First record for the fauna of Tunceli Province.

163)**Chloantha hyperici (Fabricius,1787)**
Synonym(s): *#hyperici [Denis & Schiffermüller],1775; hypericii Fabricius,1787.*
Provincial Distribution in Turkey (as codes): 01 04 05 06 07 08 12 13 14 15 16 17 18 24 25 28 30 31 32 33 35 36 42 44 46 47 50 51 56 58 60 61 62 65 69 73 01A 05A 06R 06Rb 13G 13Gg 13Gy 13Gü 13Gs.
Material examined: 2♂. Ziyaret 1330m, 04 06 2021.

164)**Diachrysia chrysitis (Linnaeus,1758)**
Synonym(s): *chrysitis Linnaeus,1758.*
Provincial Distribution in Turkey (as codes): 13 14 16 18 25 28 30 42 46 50 52 55 57 59 61 65 66 75 14B 14Bb 16A 30B 30Bl 30D 30Df 30Dt 65F 65Fr.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

165)**Dichagyris (s.str.) erubescens (Staudinger,1892)**
Synonym(s): *erubescens Staudinger,1892.*
Provincial Distribution in Turkey (as codes): 01 02 06 07 24 25 27 30 33 42 44 46 47 50 51 56 58 63 65 02F 02Fe 02Fz 06B 06R 06Ra 07K 27B 30B 30Bj1 30D 30Df 33O 44E 44Ei 47D 50G 50Gb 56F 56Fb 56Fv 56Fc 56Fs 56Fç 56Fv 58N 63K 65A 65Ai 65D 65Dh 65Fr 65Fp 65Fz 65G 65Gf 65Gy 65K 65Kl 65Z 65N 65Np 65Np1 65Np2 65Nm.
Material examined: 2♂. Ziyaret 1330m, 04 06 2021.

166)**Dichagyris (Yigoga) nigrescens (Hofner,1888)**
Synonym(s): *nigrescens Höfner,1888.*

Provincial Distribution in Turkey (as codes): 01 05 06 07 12 13 18 20 25 30 32 33 34 37 42 45 46 50 56 65 66 73 01D 01H 05A 06R 06Rb 06Re 12E 13C 13Cf 13F 13F7 13F71 13G 13Gg 13Gy 30B 30Bd 30Bc1 30Bç 30Bt1 30Bz 30Bh 30Bf 30D 30Da 30Db 30Df 30Dx 33R 33Rb 34A 37P 56F 56Fb 56F1 56Fa 56Fq 65A 65Ai 65Bx 65D 65Dh 65Dn 65F 65Fp 65Fz 65G 65Ge 73A 73Ab 73D 73De.
Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

167) **Dicycla oo (Linnaeus,1758)**
Synonym(s): *oo Linnaeus,1758; ferruginago Hübner,[1803]; renago Haworth,1809; #sulphurea Staudinger,1901.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 08 11 17 18 21 22 28 30 33 38 39 42 46 47 56 65 02F 02Fd 02Fz 06R 06Rb 21L 21N 21Nh 30B 30Bç 30Bz 30D 30Df 33G 33P 47D 56F 56Fb 56Fv 56Fa 56Fs 56F1 65A 65Ai.
Material examined: 1♂1♀. Munzur valley, 1180m, 28 06 2021.
First record for the fauna of Tunceli Province.

168) **Drasteria cailino (Lefèbvre,1827)**
Synonym(s): *cailino Lefèbvre,1827; caylino Lederer,1857.*
Provincial Distribution in Turkey (as codes): 01 02 03 04 05 06 08 13 14 18 21 24 25 29 30 33 42 44 45 46 47 50 51 56 58 60 62 65 66 69 73 02F 02Fd 02Fz 05A 06R 06Rb 13A 13Ab 13Ax 13F 13F38 13F71 13G 13Gü 13Gw 21N 21Nb 21Nh 30B 30Bç 30Bt1 30Bz 30D 30Df 30Dx 30Dp 42J 42X 42Xa 44E 44Ei 47D 56F 56F1 58N 65A 65Ac 65Ac3 65Ai 65An 65Am 65Am1 65D 65Df 65Dj 65F 65Fa 65Fp 65Fz 65L 65Le 73D 73Df 73Dfc.
Material examined: 1♂1♀. Ziyaret 1330m, 04 06 2021; 1♂. Havuzlu 1450m, 05 06 2021.

169) **Eublemma aureolum Fibiger & Hacker,2002 (Fig.13a)**
Synonym(s): *aureola Fibiger & Hacker,2002.*
Provincial Distribution in Turkey (as codes): 04 08 13 24 25 29 30 46 47 50 58 65 73 30D 30Df 46H 65D 65N 65Np5 65Nm.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

170) **Eublemma gratissimum (Staudinger,1892) (Fig.13f)**
Synonym(s): *albida auct.; gratissima Staudinger,1892; infuscata Staudinger,1892; transmittens Christoph,1893; peralba Schawerda,1923.*
Provincial Distribution in Turkey (as codes): 01 05 07 08 13 17 23 24 25 30 31 40 44 46 47 50 56 58 62 65 73 76 01K 05A 08H 08Ha 13A 13Ab 13Ac 13Ax 13B 13F 13F7 13F71 13G 13Gg 17C 25F 30B 30Bd 30Bc1 30Bç 30Bz 31K 31Ka 31Ka5 31M 44E 44Eh 44Ei 44I 44Ic 44L 44Lc 47D 56F 56Fa 56Fm 56F1 56Fc 56Fs 65B 65Bo 65Bx 65D 65Df 65F 65Fm 65Fz 65K 65Kb 65Kd 65Kğ 65L 65Le 65N 65Nc 65Nc4 65Np2 65Np5 65Nm 73A 73Ad 73Ad2 76C.
Material examined: 2♂. Gözeler (Yılanlıköy) 1400m, 26-27 06 2021.

171) **Eublemma minutatum (Fabricius,1794) (Fig.13b)**
Synonym(s): *minutata Fabricius,1794; noctualis Hübner,1796; paula Hübner,[1809].*
Provincial Distribution in Turkey (as codes): 08 13 18 24 25 30 36 42 44 46 47 50 56 60 65 76 13A 13Ab 13Ac 13Ac1 13Ax 13F 13F7 13F71 30B 30Bt1 30Bz 30D 30Df 36D 36Db 44E 44Ei 44L 44Lc 47D 56F 56Fc 56Fs 56Fq 65A 65Am 65Am1 65D 65Df 65Dh 65Fz 65G 65Gb 65Gf 65Gy 65N 65Nb 65Np1 65Np6 65Nm 76B 76Bb 76C.

Material examined: 1♂(GP3334). Ziyaret 1330m, 04 06 2021; 1♂(GP3335). Gözeler 27 06 ), 1♀(GP3337). Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

172) **Eublemma ochreolum (Staudinger,1900)**
Synonym(s): *ochreola Staudinger,1900; thurneri Zerny,1936.*
Provincial Distribution in Turkey (as codes): 13 25 46 56 65 13A 25F 56F 56Fa 65D 65Df 65Fz 65K 65Kl 65Z.
Material examined: 1♂♀. Munzur valley, 1180m, 28 06 2021.
First record for the fauna of Tunceli Province.

173) **Eublemma ostrinum (Hübner,[1808]) (Fig. 13c-d)**
Synonym(s): *ostrina Hübner,[1808]; carthami Herrich-Schäffer,[1851]; aestivalis Guenée,1852; numida Lucas,1849; thasia Koutsaftikis,1973.*
Provincial Distribution in Turkey (as codes): 01 05 07 08 09 10 13 16 21 27 30 31 33 35 44 46 47 48 50 51 56 58 60 62 63 64 65 66 05A 07C 13B 13Bg 13G 13Gy 13Gü 13Gw 16A 21N 21Nh 27D 27Da 27Db 30B 30Bç 30Bz 30D 30Df 31K 31Ka 31Ka3 31Ka5 44I 44Ic 44L 44Lc 47D 48L 56E 56Eh 56F 56Fc 56Fb 56Fv 56Fj 56Fm 56Fö 58G 58Gg 58N 63E 65A 65Am 65Am1 65Am2 65Am4 65D 65Dh 65K 65L 65Le 65N 65Nc 65Nc4 65Np2 65Np6 65Nm.
Material examined: 1♂2♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.

174) **Eublemma parvum (Hübner,[1808]) (Fig.13e)**
Synonym(s): *parva Hübner,[1808]; rubefacta Mabille,1869; chalybea Swinhoe,1884; nymphodora Meyrick,1902.*
Provincial Distribution in Turkey (as codes): 01 05 07 08 13 16 25 30 31 33 44 46 47 48 50 56 58 63 65 80 05A 07C 13A 13Ab 13Ax 16A 30D 30Df 31K 31Ka 44E 44Ei 47D 48L 56E 56Eh 56F 56Fm 56Fö 58N 63E 63L 65A 65Am 65Am1 65D 65Df 65Dg 65F 65Fp 65Fz 65G 65Gb 65L 65Le 65N 65Nc 65Nc4.
Material examined: 2♂1♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

175) **Eublemma polygrammum (Duponchel,[1842])**
Synonym(s): *polygramma Duponchel,[1842]; argillacea Eversmann,1844; nuda Christoph,1862; violetta Staudinger,1889.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 14 18 23 24 25 30 33 35 42 44 46 50 51 56 58 60 65 66 70 75 76 05A 13A 13Ab 13Ax 13G 13Gy 30B 30Bç 30Bt1 30Bz 44L 44Lc 56F 56Fa 56Fv 56Fm 56Fı 56Fs 56Fa 56Fö 58G 58N 65A 65Ac 65Ac3 65Ai 65D 65Df 65F 65Fe 65Fr 65Fp 65Fz 65G 65Gf 65Gy 65K 65Kl 65Z 65Kd 65Kğ 65L 65Le 65N 65Np2 65Np5 65Np6 65Nm 70C 70Cf 76C.
Material examined: 1♂(GP3343)1♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

176) **Eublemma sp.**
Material examined: 1♂(GP3334), Ziyaret 1330m, 04 06 2021; 3♂(GP3335-3336, 3338) and 1♀(GP3337), Gözeler (Yılanlıköy) 1400m, 27 06 2021.

177) **Euchalcia emichi (Rogenhofer,1873)**
Synonym(s): *emichi Rogenhofer,1873.*
Provincial Distribution in Turkey (as codes): 01 08 13 18 19 21 25 30 31 36 38 42 46 49 50 51 58 62 65 66 13A 13Ab 13Ac 13Ac2 13Ax 13G 13Gf 13Gy 19C 21N 21Nh 30D 30Da

49F 51B 51Ba 58G 65F 65Fe 65Fp 65Fz 65Fr 65G 65Gf 65Gy 65K 65Kl 65Kl1 65Z 65L 65Lb 65N 65Np6 65Nr2 65Nm.
Material examined: 2♂. Ziyaret 1330m, 04 06 2021.

178) **Eutelia adoratrix (Staudinger,1892)**
Synonym(s): *adoratrix Staudinger,1892.*
Provincial Distribution in Turkey (as codes): 05 06 08 17 18 20 21 30 31 56 60 65 05A 06R 08H 21N 21Nb 21Nh 30B 30Bç 30Bt1 30Bz 30Bf 30Bh 30D 30Df 31K 31Ka 56F 56Fa 65D 65Dh.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

179) **Hadena (s.str.) magnolii (Boisduval,1828)**
Synonym(s): *magnolii Boisduval,1828; nummosa Eversmann,1844.* Provincial Distribution in Turkey (as codes): 01 02 04 05 06 09 13 14 18 21 24 25 29 30 32 33 36 42 44 46 47 49 50 51 56 58 65 66 02F 02Fd 02Fz 05A 06R 06Rb 13A 13Ab 13Ax 13G 13Gü 13Gs 13Gw 21L 21Lc 30B 30Bt1 30Bz 30D 30Df 42R 44E 44Ei 44L 44Lc 47D 56F 56F1 56Fs 58R 65A 65Ai 65Am 65Am1 65Am4 65An 65At 65At5 65D 65Df 65Dg 65Du 65F 65Fr 65Fp 65Fz 65Fm 65K 65Kl1 65Z 65L 65Le 65N 65Np 65Np1 65Nm.
Material examined: 1♂. Ziyaret, 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

180) **Hadena (Anepia) perplexa ([Denis & Schiffermüller],1775)**
Synonym(s): *perplexa [Denis & Schiffermüller],1775; lepida Esper,[1790] nec Cr.,[1779]; carpophaga Brahm,1791; ochracea Haworth,1809; capsophila Boisduval,1840; nisus Germar,[1842]; repanda Herrich-Schäffer,[1850]; atlas A.E.Prout,1929; sicula Draudt,1933.*
Provincial Distribution in Turkey (as codes): 01 04 05 06 07 11 13 14 16 18 20 24 25 29 30 32 33 35 36 42 46 47 48 49 50 51 58 60 63 65 75 01H 05A 13A 13Ab 13Ax 13G 13Gü 13Gw 16A 58N 65D 65F 65Fa 65Fr 65L 65Lb 65Le.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

181) **Meganola gigantula (Staudinger,1879)**
Synonym(s): *gigantula Staudinger,1879*
Provincial Distribution in Turkey (as codes): 02 05 06 33 42 46 65 02F 02Fd 02Fz 05A 06R 65A 65Ai.
Material examined: 1♂. Ovacık 7.2km S., 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

182) **Mythimna (Aletia) l-album (Linnaeus,1767)**
Synonym(s): *l-album Linnaeus,1767; penicillata Moore,1881*
Provincial Distribution in Turkey (as codes): 05 06 07 08 10 12 13 16 17 18 21 25 30 31 32 33 34 36 38 39 42 44 45 46 49 50 51 56 58 61 62 63 65 69 80 05A 06R 06Rq 06Y 06Yb 08H 08Ha 13A 13Ab 13Ax 13B 13C 13Cd 13G 13Gg 13Gü 13Gs.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021.

183) **Lacanobia aff. w-latinum (Hufnagel,1766)**
Synonym(s): *w-latinum Hufnagel,1766; genistae Borkhausen,1792; dives Donovan,1801; umbrosa Bytinski-Salz & Brandt,1937; diniensis Heinrich,1938; caerulescens Schwingenschuss,1962.*

Provincial Distribution in Turkey (as codes): 04 05 06 11 13 18 21 24 25 28 30 33 34 36 37 39 42 49 50 58 60 61 65 06R 06Rb 06Rh 13G 13Gg 13Gs 13Gw 21N 21Nb 30B 30Bç 30Bt1 30Bz 36D 36Db 49F 49Fb 61K 61Ka 65A 65An 65D 65F 65Fa 65Fm 65Fp 65Fz 65L 65Lb 65Le.
Material examined: 1♂.Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

184) **Lygephila (s.str.) amasina (Staudinger,1879) (Fig. 13g)**
Synonym(s): *amasina Staudinger,1879; sublutea W.Warren,1913.*
Provincial Distribution in Turkey (as codes): 01 03 04 05 06 07 08 11 13 18 24 25 32 33 36 42 49 50 51 56 58 62 65 66 70 05A 06R 06Rb 13F 13F7 13F71 33A 33Aj 33G 42J 42X 42Xa 50G 56F 56Fm 56Fs 56F1 56Fq 56Fy 65A 65Ai 65D 65Dj 65Dl 65Dlc.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021; 2♂. Munzur valley 1180m, 28 06 2021.

185) **Lygephila (s.str.) craccae (Fabricius,1787)**
Synonym(s): *#craccae [Denis & Schiffermüller],1775; craccae Fabricius,1787; nigricollis De Villers,1789; riata Rungs,1952; caliginosa Schawerda,1931; herrerai Yela,1990; #cracae Hacker & Kautt,1999.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 08 12 13 14 16 17 18 22 23 24 25 29 30 31 33 36 42 44 48 49 50 56 58 60 62 63 65 75 76 05A 06K 06Kb 06R 06Rq 13A 13Ac 13Ac1 13Ac2 13Aç 13Ax 13C 13Cf 13G 13Gg 13Gü 13Gw 13Gy 13F 13F38 16A 23M 25F 30B 30Bç 30Bz 30D 30Df 30Dx 31K 31Ka 31Ka5 33G 36F 36Fb 44I 44Ic 44L 44Lc 49E 49Ea 56F 56Fc 56Fq 56Fv 62G 62Gb 63E 65A 65Ai 65Ac 65Ac3 65Am 65Am4 65D 65Df 65Dn 65F 65Fa 65Fp 65Fm 65Fj 65Fz 65L 65Le 65N 65Np 65Nm 75F 75Fa 76C.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.

186) **Ophiusa lunaris (Goeze,1781)**
Synonym(s): *#lunaris [Denis & Schiffermüller],1775; lunaris Goeze,1781; undosa Goeze,1781; ventrilabris Fabricius,1787; tarsiplumalis Hübner,1796; inconpicua W.Warren,1913; chosensis Bryk,1949.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 10 13 16 18 21 25 30 32 33 35 39 42 50 56 62 65 80 05A 06R 06Rb 16A 21N 21Nh 21Nb 30D 30Df 32F 39K 56F 56Fa 56Fb 56Fh 62E 65A 65Ai 65D 65Dlc 65Dh 65Ds 65Dv 80C.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

187) **Rhypagla lacernaria (Hübner,[1813])**
Synonym(s): *lacernaria Hübner,[1813]; glarea Treitschke,1826; cretula Freyer,1842*
Provincial Distribution in Turkey (as codes): 02 03 05 06 07 13 20 21 27 42 44 45 46 47 50 51 56 63 65 70 02F 02Fe 02Fz 05A 07A 21N 21Nh 27D 27Dd 44L 44Lc 47D 56F 56Fb 63D 65G 65Gb 65Gf 65Gy 65K 65Kl 65Kl1 65Z 70C 70Ce
Material examined: 3♂1♀. Ziyaret 1330m, 04 05 2021; 2♀. Munzur valley, 1180m, 28 06 2021.
First record for the fauna of Tunceli Province.

188) **Plecoptera inquinata (Lederer,1857)**
Synonym(s): *inquinata Lederer,1857; pyrami Rogenhofer,1873; amanica Osthelder,1933.*
Provincial Distribution in Turkey (as codes): 01 07 08 13 30 31 33 42 46 47 56 65 01F 08H 13C 13Cf 30B 30Bc1 30Bh 30Bi 30Bj1 30Bt1 30Bz 30D 30Df 31K 31Ka 31Ka3

31Ka5 31Ka7 33A 33Ac 33Ad 46G 46Gf 56F 56F1 56Fs 56Fv 56Fb 56Fc 65A 65Ai 65Am 65Am1 65D 65Dl 65Dlc 65F 65Fp 65Fz.
Material examined: 2♀. Gözeler (Yılanlıköy) 27 06 2021.
First record for the fauna of Tunceli Province.

189) **Thalerastria sp.**
Material examined: 1♂(GP3339). Gözeler (Yılanlıköy) 27 06 2021.
Remark: Our research on this taxon ongoing.

190) **Teinoptera oliva (Staudinger,[1895]) (Figs.49-50)**
Synonym(s): *oliva Staudinger,[1895].*
Provincial Distribution in Turkey (as codes): 01 18 24 25 32 37 42 44 50 51 58 60 70 37Y 44E 44Ei 50G 50Gc 70C 70Cf.
Material examined: 1♂1♀. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

191) **Tyta luctuosa ([Denis & Schiffermüller],1775)**
Synonym(s): *luctuosa [Denis & Schiffermüller],1775; italica Fabricius,1781; atra Goeze,1781 nec Linn.,1767; astroites Fourcroy,1785; maculosa De Villers,1789.*
Provincial Distribution in Turkey (as codes): 01 02 04 05 06 07 08 11 13 14 16 17 18 22 23 25 30 31 32 33 34 35 36 38 42 44 46 50 51 56 58 60 61 62 63 65 66 67 69 70 71 75 76 02F 02Fe 02Fz 05A 06R 06Rd 13G 13Gy 16A 30D 30Df 31K 31Ka 33G 36D 36Db 44E 44Eh 46G 46Gf 56F 56Fç 56Fb 56F1 56Fy 58N 60G 63D 65A 65Aö 65Au 65An 65Am 65Am4 65D 65Dl 65Dlc 65Dt 65Du 65Dv 65F 65Fç 65Fz 65K 65Kp 65L 65Le 65N 65Nc 65Np6 65Nm 65Kl 65Z 65M 65Mc 65Md 75F 75Fb 76A 76Ac 76B 76Bf 76Bh 76D 76Dd.
Material examined: 1♂. Ziyaret 1360m, 02 06 2021.

192) **Zekelita (Ravalita) ravalis (Herrich-Schäffer,[1852])**
Synonym(s): *ravalis Herrich-Schäffer,[1852]; revolutalis Zeller,1852; eremialis Swinhoe,1889 nec Walk.,1859; centralis Staudinger,1892; syriacalis Staudinger,1892; extorris W.Warren,1913; #pallida Schawerda,1929; #transcaspica Brandt,194.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 08 13 18 24 25 27 30 31 33 35 42 44 46 47 50 56 58 62 65 69 70 76 05A 06R 06Y 08H 08Ha 13A 27D 27Da 30B 30Bc1 30Bç 30Bt1 30Bz 30D 30Dx 31K 31Ka 31Ka5 44E 44Eh 44Ei 50G 50Ga 56F 56Fv 56Fç 56Fö 58G 58Gb 58N 65D 65Du 65G 65Gb 65K 65Kz 65Kğ 65N 65Np5 65Nm 76C.
Material examined: 4♂3♀. Ziyaret 1330m, 04 06 2021.

193) **Zethes narghisa Brandt,1938**
Synonym(s): *narghisa Brandt,1938*
Provincial Distribution in Turkey (as codes): 13 27 30 46 47 56 62 65 73 27D 27Da 27Db 30B 30Bh 30D 30Df 47D 56F 56Fo 56Fg 65D 65Dh 65Dv 73C 73Cd.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 27 06 2021.

**Notodontidae**

194) **Clostera pigra (Hufnagel,1766)**
Synonym(s): *pigra Hufnagel,1766; reclusa [Denis & Schiffermüller],1775; alticaudafurcata Retzius,1783; suffusa Stephens,1835; superior Rangnow,1935; #flavidior Bytinski-Salz,1936.*

Provincial Distribution in Turkey (as codes): 04 06 08 12 14 18 24 30 31 36 42 44 46 49 56 58 60 62 65 04E 04Ea 06R 08H 18D 30B 30Bd 30Bh 30Bg 30D 30Da 36F 42B 49E 49Ea 56F 56F3 56F1 56Fw 60C 62E 65D 65Dh.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

195) **Drymonia velitaris (Hufnagel,1766)**
Synonym(s): *velitaris Hufnagel,1766; austera [Denis & Schiffermüller],1775; bifasciata De Villers,1789.*
Provincial Distribution in Turkey (as codes): 12 13 16 25 29 30 36 37 46 49 52 53 55 60 61 65 12A 12Aa 12E 13G 13Gy 16A 25D 25F 29A 30B 30Bd 36F 37C 49E 49Ea 52G 53N 55E 55H 60C 61L 65A 65Ai 65F 65Fe.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

196) ***Furcula interrupta* (Christoph,1867) (Fig. 12b)**
Synonym(s): *interrupta Christoph,1867; leucotera Stichel,1911; sureyae Rebel,1933; hoeferi Bytinski-Salz,1936; leucotera Lenek,1969; #syreyae Schintlmeister,1989.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 12 15 19 24 26 30 31 33 40 42 44 46 56 60 61 62 63 65 71 01A 01B 01G 02E 06R 06Ra 06K 06Kc 07B 19C 19P 26K 31A 31Aa 31K 31Ka 33P 40G 42B 42D 56F 56Fa 56Fq 60C 61K 62G 63E 65A 65Ai 71B 71Ba.
Meterial examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.

197) **Phalera bucephaloides (Ochsenheimer,1810)**
Synonym(s): *bucephaloides Ochsenheimer,1810.*
Provincial Distribution in Turkey (as codes): 06 07 12 13 14 21 24 30 31 37 42 56 62 06R 06Ra 07B 12A 12Aa 12E 12Ec 12Ed 13F 14B 21N 21Nb 24G 30D 30Df 30Dx 31K 31Ka 37D 42D 56F 56F6 56Fb 56Fa 56Fj 56F3 56Fj 56Fç 56Fq 62E 62H
Remark: This species was recorded in 1972 by Koçak in the district (Cesa-Infosystem,2021).

198) **Pterostoma palpinum (Linnaeus,1761)**
Synonym(s): *#palpina Clerck,1759; palpina Linnaeus,1761; caudapiscina Goeze,1783; salicis Germar,1812.*
Provincial Distribution in Turkey (as codes): 06 12 13 14 16 19 24 25 30 32 36 37 42 46 49 50 56 60 62 65 71 06R 06Ra 06Rh 12E 13C 13Cf 13F 13F38 13F7 13F71 13G 13Gw 13Gs 13Gy 16A 19P 24G 25F 30B 30Bd 30C 30Cd 30D 30Da 36D 36Db 36F 37C 42D 42R 46D 49E 49Ea 50G 50Gd 56F 56F3 56F1 60C 62H 65A 65Ai 65An 65Am 65Am4 65D 65F 65Fe 65Fp 65Fr 65Fz 65Fg 65L 65Le 65N 65Np6 65Nm 71B 71Ba.
Meterial examined: 1♂1♀. Ziyaret 1330m, 04 06 2021.

199) **Rhegmatophila alpina (Bellier,1880)**
Synonym(s): *alpina Bellier,1880; burgensis Fernandez,1934.*
Provincial Distribution in Turkey (as codes): 01 06 12 13 14 17 18 24 37 46 49 58 60 77 01H 06R 06Ra 13G 13Gs 13Gw 14H 17E 18D 37P 49E 49Ea 58G 60C.
Material examined: 2♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
First record for the fauna of Tunceli Province.

200)**Spatalia argentina ([Denis & Schiffermüller],1775) (Fig.12a)**
Synonym(s): *argentina [Denis & Schiffermüller],1775.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 08 10 12 13 14 16 17 18 19 20 21 24 30 31 32 33 35 42 46 49 56 61 62 64 65 66 71 73 80 02F 02Fd 02Fz 05A 06R 06Ra 06Rb 07C 08H 10D 10N 10P 10U 12A 12Aa 13F 13G 13Gy 13Gg 14B 14Bb 16A 17E 17H 17M 18D 19G 21L 21Lc 21N 21Nb 21Nc 30B 30Bd 30Be 30Bh 30D 30Df 31K 33E

33F 42B 42R 46D 49E 49Ea 56F 56F1 56F3 56Fa 56Fc 56Fy 56Fm 56Fg 60C 61L 62E 64A 64F 65A 65Am 65Am4 65Ai 65D 65Dl 65Dlc 65Ds 65F 65Fe 66P 71D 73A 73Ab 73Ad 73Ad2 73Ae 73C 73Ce 73Cd 80C.
Meterial examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

**Saturniidae**

201) **Saturnia (Neoris) naessigi (De Freina,1992)**
Synonym(s): *naessigi De Freina,1992*
Provincial Distribution in Turkey (as codes): TR 13 24 25 30 58 62 13C 13Cd 24E 62E.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

202) **Saturnia pyri ([Denis & Schiffermüller],1775) (Fig.14a)**
Synonym(s): *pyri [Denis & Schiffermüller],1775; teherana Lenek,1970; pinkerae Kobes,1980.*
Provincial Distribution in Turkey (as codes): 05 06 07 10 12 13 15 16 17 19 21 22 25 26 28 30 31 32 33 38 34 42 44 46 47 50 53 56 58 64 65 72 73 76 05A 06H 06Ha 06R 06Ra 06Re 06Rl 07C 10U 12E 12Ed 13C 13Cf 17E 19G 21N 21Nb 21Nh 22A 25F 26K 28H 30B 30Be 30Bd 31K 31Ka 33R 33Rb 33E 33G 34S 34Sb 47D 56F 56Fb 56Fh 64F 65D 65Dh 65F 65Fn 72F 72Fa 73A 73Ae 73Ak 76B 76Ba.
Remark: Observed and photographed by Akın Gedik, in the Ovacık, Yeşilyazı Fikirik tepe 1750m, 2021.
First record for the fauna of Tunceli Province.

**Sesiidae**

203) **Eusphecia pimplaeformis (Oberthür,1872)**
Synonym(s): *pimplaeformis Oberthür,1872; maculiferum Staudinger,[1896].*
Range (as codes): 14 25 31 44 65 14B 25M 31M 44L 44Lb
Materia examined: 1♂. Gözeler (Yılanlıköy), 27 06 2021.
First record for the fauna of Tunceli Province.

204) **Negotinthia myrmosaeformis (Herrich-Schäffer,1846) (Fig.14c)**
Synonym(s): *myrmosaeformis Herrich-Schäffer,1846; #lucida Lederer,1853; myrmosiformis Staudinger,1856.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 16 33 36 39 42 46 50 70 01K 05A 07A 07Ak 16A 42A 50G 50Ga 70C 70Ce.
Materia examined: 1♀. Mercan valley, Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

**Sphingidae**

205) **Dolbina elegans A.Bang-Haas,[1913]**
Synonym(s): *elegans A.Bang-Haas,[1913]; steffensi Popescu-Gorj,1971.*
Provincial Distribution in Turkey (as codes): 13 21 30 31 32 33 56 62 65 73 13F 21N 21Nb 21Nh 30D 30Df 31M 56F 56Fa 56Fç 56Fg 62E 65D 65Di 73A 73Ag.
Remark: This species was recorded in 1972-73 by Koçak in the district (Cesa-Infosystem,2021).

206) **Hyles euphorbiae (Linnaeus,1758)**

Synonym(s): *euphorbiae Linnaeus,1758; esulae Hufnagel,1766; vandalusica Ribbe,1910; etrusca Verity,1911; sinensis Closs,1917; rothschildi Stauder,1928; dolomiticola Stauder,1930; filipjevi O.Bang-Haas,1936; lucida Derzhavets,1980.*
Provincial Distribution in Turkey (as codes): 01 05 06 07 09 10 13 14 15 16 17 20 21 24 25 30 32 33 35 36 42 45 44 46 47 48 50 51 56 58 60 63 65 70 73 76 01H 05A 06R 06Ra 06Re 10C 10D 13A 13Ab 13Ae 13Ax 13F 16A 21L 21Lc 21N 21Nb 24G 25C 25Ca 30B 30Bd 30Bt1 30Bz 30D 30Da 30Df 33R 33Rd 36D 51D 44E 44Ei 47F 47Fa 48G 48Gb 56F 56Fh 56Fa 56Fs 58G 58Gg 60C 63B 65A 65An 65Am 65Am1 65Ac 65Ac3 65B 65Bo 65Bx 65D 65Df 65Dg 65Dga 65F 65Fb 65Fe 65Fş 65Fz 65G 65Gf 65Gy 65K 65Kl1 65Z 65N 65Nc 65Nc4 65Np 65Np1 65Np2 65Nm 70C 70Cf 73C 73Cd 73D 73Da 76A 76Ac 76B 76Bb.
Material examined: 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

**Fig.49:** *Hyles vespertilio*, Gözeler (Yılanlıköy) 1400m, 27 06 2021.

207) **Hyles vespertilio (Esper,[1780])** **(Fig.49)**

Synonym(s): *vespertilio Esper,[1780].*
Provincial Distribution in Turkey (as codes): 16 30 16A 30B 30Ba 30Bh.
Material examined: 3♂3♀. Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

208) **Macroglossum stellatarum (Linnaeus,1758)**

Synonym(s): *stellatarum Linnaeus,1758; nigra Cosmovici,1892.*
Provincial Distribution in Turkey (as codes): 01 05 06 09 10 11 13 14 16 17 21 25 30 31 33 35 36 38 45 46 48 55 56 58 60 63 65 70 71 75 76 01H 05A 06R 06Rd 10D 10K 10Ka 13A 13Ab 13Ac 13Ax 13F 13Gw 13Gü 16A 30B 30Bc2 30D 30Df 31K 31Ka 33A 33Aa 33Ak 33R 33Rb 33Rg 36D 36Db 38G 38Ga 46F 46Fd 48A 48G 48Gb 48F 48L 55F 56F 56Fg 56Fm 56Fa 58N 63D 65A 65Ai 65B 65Bn 65Bn1 65D 65Dn 65Du 65E 65Eb 65Ec 65F 65Fb 65Fç 65Fd 65Fş 65Fz 65G 65Gs 65Gf 65Gy 65K 65Ks 65Kz 65Kğ 65Ky 65Ky1 65L 65Le 65M 65Mc 65Md 65N 65Np 65Nm 70C 70Cb 75F 76B 76Bi
Material examined: Observed in the Şahverdi 1513m, 04 06 2021.
First record for the fauna of Tunceli Province.

209) **Marumba quercus ([Denis & Schiffermüller],1775)**
Synonym(s): *quercus [Denis & Schiffermüller],1775; denisii Fuessly,1779; #brunnescens Rebel,1910; #canescens, pallescens Closs,1922; mesopotamica O.Bang-Haas,1938; schirasi O.Bang-Haas,1938; #pallida Vilarrubia,1973.*
Provincial Distribution in Turkey (as codes): 01 02 05 06 07 10 12 13 19 21 30 31 33 42 46 47 48 49 56 62 65 73 02F 02Fd 02Fz 05A 06R 06Rb 10D 13F 19B 21N 21Nb 21Nh 30B 30Ba 30Bh 30C 30Cd 30D 30Df 31K 33A 33Ac 42B 47F 47Fa 48G 48Gb 49E 49Ea 56F 56Fa 56Fb 56F3 56Fç 56Fy 56Fx 56Fv 56Fg 56F1 56Fc 56Fs 56Fm 62E 65A 65Ai 65D 65Dl 65Dlc 65Du 73A 73Ae 73C 73Cd 73D 73Df 73Dfc.
Material axamined: 2♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021; 1♂. Havuzlu 1450m, 05 06 2021.

210) **Rethera komarovi (Christoph,1885)**
Synonym(s): *komarovi Christoph,1885; #kamarowi Wagner,1931; rjabovi O.Bang-Haas,1934; #albocingulata O.Bang-Haas,1934; #roseocingulata O.Bang-Haas,1937*
Provincial Distribution in Turkey (as codes): 02 05 06 13 23 30 36 42 44 46 56 60 65 66 70 71 02F 02Fe 02Fz 05A 06R 06B 06Bb 06Ra 13F 13F11 13F7 13F71 23I 30B 30Bc1 30Bç 30Bz 30Bg 30Bl 30Bd 30Ba 30D 30Df 36D 36F 42B 44L 44Lc 47F 47Fa 56F 56Fa 56Fb 56F6 56Fm 56Fq 56Fx 56Fb 56F1 60C 65A 65Am 65Am1 65Am3 65Am4 65Ai 65Ac 65Ac3 65B 65Bo 65Bx 65D 65Di 65K 65Kl1 65Z 66P 70C 70Cf.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021; Gözeler (Yılanlıköy) 1400m, 27 06 2021.
First record for the fauna of Tunceli Province.

211) **Sphingoneopiopsis gorgoniades (Hübner,[1819])**
Synonym(s): *gorgon Esper,[1804] nec Cr.,1777; gorgoniades Hübner,[1819]; chloroptera von Mentzer,1974.*
Provincial Distribution in Turkey (as codes): 05 13 16 30 33 36 46 50 56 60 65 13F 13G 13Gs 13Gw 16A 30D 30Df 33G 36D 36Db 46L 56F 56Fg 60C 65A 65Am 65Am1 65D 65Dg 65Fz 65N 65Np 65Np1 65Np2 65Nm.
Material examined: 1♂. Havuzlu 1450m, 05 06 2021.
First record for the fauna of Tunceli Province.

**Thyatiridae**

212) **Tethea ocularis (Linnaeus,1767)**
Synonym(s): *ocularis Linnaeus,1767; octogena Esper,1788; kosswigi Werny,[1967]; caucasica Werny,[1967] nec Krul.,1901.*
Provincial Distribution in Turkey (as codes): 03 06 12 13 14 15 17 19 21 32 36 37 42 43 46 50 56 60 62 65 71 03A 03Aa 06F 06Fb 06A 06Aa 06R 06Rb 06Y 13F 13F38 13G 13Gg 13Gü 13Gy 13Gw 14B 14Bb 17E 17H 19P 21N 21Nb 36F 37P 42B 42D 46D 43M 49E 49Ea 50G 56F 56Fa 56F3 60C 62E 65D 65Dh 65F 65Fe 65Fr 65Fp 65Fg 65N 65Nc.
Material examined: 1♂. Ovacık 7.2km S., Hozat road 1475m, 03 06 2021.

**Zygaenidae**

213) **Jordanita (s.str.) graeca (Jordan,1907)** **(Fig.14d)**
Synonym(s): *graeca Jordan,1907.*
Provincial Distribution in Turkey (as codes): 06 07 09 10 13 16 24 25 29 30 33 35 39 42 46 47 49 50 51 56 58 60 62 63 65 73 80 06C 06Cb 06R 06Rb 07B 07C 07Cc 09M 10U 13A 13Ab 13Ax 16A 25O 29C 29Cc 30B 33B 33C 33P 35U 35Ua 39K 42B 42Ba 46F 49E

49Ea 51B 51D 56F 56Fc 58N 60C 63L 65K 65Kd 65N 65Nc 65Np2 65Nm 73A 73Aa 80G
Material examined: 1♂(GP3342). Mercan valley, Yazıören 1450m, 04 06 2021.

214) **Zygaena (Mesembrynus) cambysea Lederer,1870 (Fig.14e)**
Synonym(s): *cambysea Lederer,1870.*
Provincial Distribution in Turkey (as codes): 04 05 13 25 30 58 62 65 73 76 13A 13Ab 13Ax 30D 30De 65B 65Bo 65Bx 65D 65Dç 65Dd 65Dda 65F 65Fg 65Fp 65Fz 65K 65Ké 65Kğ 65N 65Np1 65Np2 65Nm 76D 76Dd.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 05 06 2021; 1♂. Havuzlu 1450m, 05 06 2021; 1♂. Mercan valley, Şahverdi 1850m, 27 06 2021.
First record for the fauna of Tunceli Province.

215) **Zygaena (Mesembrynus) cuvieri Boisduval,1828**
Synonym(s): *cuvieri Boisduval,1828.*
Provincial Distribution in Turkey (as codes): 04 13 29 30 36 44 49 65 66 69 73 76 13F 13F71 65D 65Dlc 65F 65Fg 65Fo 65Fp 65Fz 65K 65Kd 65Kz 65Kğ 65N 65Np 65Np6 65Nm 76C.
Material examined: 2♂1♀. Gözeler (Yılanlıköy) 1400m, 03 06 2021; 1♂. Ziyaret 1330m, 04 06 2021.
First record for the fauna of Tunceli Province.

216) **Zygaena (Agrumenia) loti ([Denis & Schiffermüller],1775)**
Synonym(s): *loti [Denis & Schiffermüller],1775; fulvia Fabricius,1777.*
Provincial Distribution in Turkey (as codes): 04 05 06 08 12 13 14 18 22 23 25 26 28 29 30 31 32 36 37 38 42 44 46 49 53 58 60 62 65 69 71 75 76 78 05A 06C 06Cb 06K 06Kc 06R 06Rd 06Rk 08G 12A 12Ab 14I 14Ib 23I 32C 36D 36Dd 36F 36Fa 44A 44Ab 46F 46Fd 62E 65D 65Dn 65Dt 65F 65Fb 65Fd 65Fp 65Fz 65K 65Kd 65Kğ 65N 65Np1 65Np2 65Np7 65Np8 65Nr2 65Nm 75F 76C 76D 76Dd 78D 78Da.
Remark: This species was recorded in 1972 by Koçak in the district (Cesa-Infosystem,2021).

217) **Zygaena (Agrumenia) olivieri Boisduval,1828**
Synonym(s): *olivieri Boisduval,1828; cremonae Seitz,1907.*
Provincial Distribution in Turkey (as codes): 01 04 05 06 07 08 11 13 19 23 25 29 30 33 36 38 42 44 46 49 50 58 60 62 65 66 70 73 76 01K 05A 06K 06Kb 07B 07C 08H 08Hc 13G 13Gb 13Ge1 13Ge 33R 33Rb 42B 42Bb 44L 46G 46L 58N 62E 65A 65Am 65Am1 65D 65Dl 65Dlc 65Do 65Doa 65F 65Fe 70B 70Bb 70C 70Ce 76C 76D 76Dd
Material examined: 2♂1♀. Mercan valley 1700-1850m, 27 06 2021.
Remark: This species was recorded in 1972 by Koçak in the district (Cesa-Infosystem,2021).

218) **Zygaena (Agrumenia) sedi Fabricius,1787 (Fig.14g)**
Synonym(s): *sedi Fabricius,1787.*
Provincial Distribution in Turkey (as codes): 06 12 36 45 46 49 58 60 65 06K 06Kb 36F 49E 49Ea 60C 65F 65Fe.
Material examined: 1♀. Munzur valley 1110m, 02 06 2021; 2♂1♀. Ovacık 7.2km S., Hozat road 1475m, 02-03 06 2021.
First record for the fauna of Tunceli Province.

219) **Zygaena (Mesembrynus) tamara Christoph,1889**
Synonym(s): *tamara Christoph,1889.*

Provincial Distribution in Turkey (as codes): 13 30 62 65 30B 30Be 30Bo 30D 30Df 30Dt 62E 65F 65Fd 65G 65Gb 65Gl 65K 65Kr 65Z 65N 65Nf 65Np1 65Nm.
Remark: This species was recorded in 1972 by Koçak in the district (Cesa-Infosystem,2021).

220) **Zygaena (s.str.) filipendulae (Linnaeus,1758) (Fig.14f)**
Synonym(s): *filipendulae Linnaeus,1758; aries Retzius,1783; ramburi Herrich-Schäffer,1861; mersina Herrich-Schäffer,1861; gurda Lederer,1861; rosa Oberthür,1909.*
Provincial Distribution in Turkey (as codes): 01 05 06 08 10 11 12 13 14 16 18 22 24 25 28 29 30 31 34 36 37 42 43 44 49 50 53 58 60 61 62 65 66 69 70 75 76 78 05A 06R 06Rb 06Rd 10K 10Ka 12A 13G 14I 14Ib 25A 31K 31Ka 31M 36F 50G 61K 65A 65Ai 65Au 65F 65Fe 65Fp 65Fz 65N 65Nr6 65Nm 76C 76D 76Da 78D 78Da.
Material examined: 2♂. Ovacık 7.2km S., Hozat road 1475m, 02 06 2021.

221) **Zygaena (s.str.) lonicerae (Scheven,1777)**
Synonym(s): *lonicerae Scheven,1777; graminis De Villers,1789; rechei Dujardin,1965; microdoxa Dujardin,1965.*
Provincial Distribution in Turkey (as codes): 05 06 08 10 13 14 16 24 25 29 36 42 55 58 62 65 75 76 05A 06R 06Rb 08A 10K 10Ka 13G 16A 36F 49E 49Ea 65F 65Fe 75A 75Aa 75Ab 75F.
Material examined: 1♂. Gözeler (Yılanlıköy) 1400m, 26 06 2021.

222) **Zygaena sp.**
Material examined: 1♂. Mercan valley, Şahverdi 1700-1830m, 27 06 2021.
Remark: Our research on this taxon ongoing.

## Discussion

The 56 species on this list, mostly butterflies, are the result of Koçak's initial research (Cesa-Infosystem, 2021). All of the taxa, except for the species identified by Koçak, were added to the Ovacık fauna, while 81 species were new records for the Tunceli fauna. Thus, the number of lepidoptera species in Tunceli increased to 464.
*Argynnidae* species were observed to be well represented in Ovacık in the first month of summer. Especially *Branthis hacate* and *Euphydras aurinia* are species with high population levels. While Melitaea taxa are represented by *arduinna*, *cinxia*, *didyma*, *ornata*, *persea*, *phoebe* (?) and *syriaca* species according to our initial determinations, their geographical distribution is based on the studies of Koçak & Kemal (2015) and Kemal & Koçak (2018).
According to one of the important publication for this genus in recent years, Oorschot & Coutsis (2014), *phoebe* is not found in the fauna of Turkey. However, the data contained in the book and the schematic genital structures presented are not sufficient for the morphological diagnosis of the phoebe-group in the fauna of Turkey. Also, Toth & et al. (2014) determined with the results of molecular analysis on the phoebe-group that *telona* and *ornata* species were morphologically similar despite what was previously known, but are genetically different sister species. In the Toth & et al.(2014) genetic study, it is observed that the materials eximined from Turkey are not adequately represented. From the samples collected from in Ovacık, the genital structure of male individuals were diagnosed as *ornata* due to its similarity to the sample examined by Çalışkan & Bozacı (2015). This is supported by the structure of clasper in the study of Toth & et al, (2014). On the other hand, in the Turkey list Kemal & Koçak (2018b) both *ornata* and *phoebe* species are included as valid taxa. The molecular studies we have initiated on the Turkish Lepidoptera taxa have contributed significantly to the determination of the taxonomic status of some

macroheterocera species (Kızıldağ & Kemal, 2019; Kemal, Kızıldağ & Koçak,2020). Molecular studies are also planned for the genus group *Melitaea* in Turkey.
In the fauna of Turkey, the *diaphora* species was considered in the genus *Eulocastria* (Kemal & Koçak,2018b). However, when the only one sample collected from the Ovacık was examined, it was determined that it had significant differences in the structure that could be distinguished from the known *diaphora* species at the species level both with its external morphological features and genital structure. This taxon is similar to *Thalerastria lehmannii* Hope & Fibiger (2009) in termis of general morphological features. Howover, the Ovacık specimen has significant differences in the valve, saccus and aedaegus. This information needs confirm. Turkey's Thalerastria species will be reconsidered in a separate study.
Among the members of the Ovacik Noctuidae family, especially *Eublemma* species are noteworthy. This genus is represented by 34 species in Turkey (Kemal & Koçak, 2018b) and seven species such as *aureolum*, *gratissimum*, *minutatum*, *ochreolum, ostrinum* and *parvum* have been identified from Ovacık. However, the features in the external morphological and genital structures examined make it difficult to distinguish these species. More samples and molecular research are needed in this regard. From this family, two male specimens, one belonging *Acronicta aceris* (Figs.42-44) an one belonging to *A.pasipae* has been examined. It has been observed that in samples regarding the latter species have differences in cornutus numbers and maesurements from wing base to the apex (Figs.45-47).
Ten taxa belonging to Zygaenidae family were identified from Ovacık; *Jordanita graeca*, *Zygaena cambysea*, *Z. cuvieri*, *Z. loti*, *Z. olivieri*, *Z.sedi*, *Z.tamara*, *Z.filipendulae*, *Z.lonicerae* and *Z.sp*. Although an individual in the genus Zygaena resembles *punctum* or *cambysea* species in general external morphological characteristics, it appears to be a completely different taxon with a red band on the abdomen. The important referenses the Zygaenidae species belong to Naumann, Tarmann & Tremewann (1999), Lerau (2012), Hofmann & Tremewan (2020) and Zahiri et al. (2021). However, these were not sufficient in solving the taxon in question. Research still continues on this subject.
*Scotopteryx nebulata* (Geometridae) and *Saturnia naessigi* (Saturniidae) species, which are less known and narrowly distributed throughout Turkey, were also presented by Prof. Dr. Koçak, and were identified in the region in 1972-73.
*Geometridae* family *Eupithecia* species are limited to *gemellata* and *limbata*, there will be an increase in the number of these species when all the materials have been examined. Likewise, the examination of samples belonging to *Noctuidae* and other micro-groups continue.

## Acknowledgements
We thank Dr. Erdem Seven (Batman University) for providing publications. We also thank Mr. Aykut Yunusoğlu (Istanbul) for linguistic correction and Mr. Akın Gedik (Tunceli Ovacık) his support in fieldwork and permition to use his photographs.

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## From the research area images

**Figs. 1a-e**: **a.** Ovacık N., Munzur mountains, Gözeler, **b.** Ovacık W., Ziyaret 1330m, mountain steppe, **c.** Prof. Dr. Selma Seven Çalışkan and Munzur Mountains, Mercan valley, **d.** Dr. Muhabbet Kemal Koçak, Mercan valley, Yaziören, **e.** PhD. Student Hanife Uçak. The authors in the field study. June, 2021.

**Fig.2:** *Brenthis hecate*, Ovacık, Gözeler (Yılanlıköy) 1400m, 26 06 2021.

**Fig.3:** *Euphydryas aurinia*, Ovacık, Gözeler (Yılanlıköy) 1400m, 26 06 2021.

**Fig.4.** *Brenthis hecate*, *Euphydryas aurinia*, *Melitaea ornata* and *Thymelicus* sp. Gözeler (Yılanlıköy), 03 06 2021.

**Fig.5.** *Melitaea syriaca* while mating. Gözeler (Yılanlıköy), 26 06 2021.

**Fig.6.** *Polyommatus ponticus*, Ovacık S., Hozat road, Oak forest, 02 06 2021.

**Fig.7.** *Satyrium armenum,* Munzur valley, 02 06 2021.

**Fig.8.** *Carcharodus lavatherae*, Mercan valley, Şahverdi, 04 06 2021.

**Fig.9.** *Aporia crataegi,* Mercan valley, Şahverdi, 04 06 2021.

**Fig. 10.** *Parnassius apollo*. Ovacık, Kırkmerdiven vadisi, 1500m, 13 07 2008, photo: A.Gedik.

**Fig.11.** *Iphiclides podalirius*, Gözeler (Yılanlıköy), 05 06 2021.

**Fig. 12.** *Catarhoe permixtaria*, Ziyaret, 04 06 2021.

**Fig. 13.** *Scopula marginepunctata*, Ovacık S., Hozad road, oak forest, 1475m, 03 06 2021.

**Figs. 12a-f.** Notodontidae: a-*Spaldia argentina*, b-*Furcula interrupta*; Ovacık S., Hozad road, oak forest, 1475m, 03 06 2021. Cossidae**: c-** *Dyspessa ulula* and Noctuidae: e-f, *Aedophron phlebophora* Mercan valley, Havuzlu 1450m, 05 06 2021.

**Figs. 13a-g.** Noctuidae, a-*Eublemma aureolum*, b-*E.minutatum*, c-*E. ostrinum*, Ziyaret 1330m, 04 06 2021; d- *E. ostrinum,* e-*E.parvum*, f-*E. gratissimum*, Gözeler (Yılanlıköy) 1400m, 27 06 2021; g-*Lygephila amasina,* Munzur valley, 1180m, 28 06 2021.

**Figs. 14a-g.** a-*Saturnia pyri*, Yeşilyazı Fikirik tepe 1750m, 2021, photo. A.Gedik. Ctenuchidae: b-*Amata hakkariana*, Mercan valley, Yazıören 1450m, 04 06 2021; Sesiidae: c- *Negotinthia myrmosaeformis,* Havuzlu 1430m, 05 06 2021; Zygaenidae: d-*Jordanita graeca*, Mercan valley, Yazıören 1450m, 04 06 2021; e-*Zygaena cambysea*, Gözeler, 05 06 2021; f-*Z. filipendulae* and g-*Z.sedi*, Ovacık S., Hozat road, oak forest, 1475m, 02 06 2021.

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